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CURRENT INDUSTRIAL REPORTS



C3.158 M20J(90)-1

# Fats and Oils— Oilseed Crashings

JANUARY 1990

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M20J(90)-1  
Issued March 1990

The statistics in this publication are based on a survey of all known crushers of oilseeds and represent total U.S. production of oilseed extraction. Estimates are included

for companies whose reports were not received in time for tabulation. A description of the survey methodology and related appears on page 7.

This report is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. The electronic version of this report will be available approximately one week earlier than the printed report. The CENDATA report for February 1990 will be released on or about March 23, 1990. For further information, contact Customer Services, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Table 1A. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION, SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1990			
January.....	1,076.5	84.3	117.9
1989			
December.....	1,045.2	87.7	119.2
November.....	1,028.5	89.2	98.6
October.....	994.6	100.4	112.7
September.....	986.0	100.4	109.2
August.....	982.1	136.7	95.3
July.....	893.1	142.9	116.4
June.....	931.6	135.0	117.8
May.....	990.3	126.1	117.0
April.....	1,023.4	108.3	123.7
March.....	987.9	101.6	126.5
February.....	990.9	81.0	119.6
January.....	1,003.4	86.5	134.5
1988			
December.....	978.3	90.8	135.0
November.....	988.0	97.1	108.1
October.....	971.6	100.7	118.5
September.....	1,056.6	100.4	123.1
August.....	982.8	123.0	128.5
July.....	1,088.9	196.5	129.6
June.....	1,070.2	137.1	126.7
May.....	1,117.7	122.7	115.0
April.....	1,191.1	100.0	118.4
March.....	1,124.0	88.0	109.1
February.....	1,112.9	87.9	118.2
January.....	1,060.0	81.8	116.7

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Cynthia DiPardo, (301) 763-4476.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Table 1B. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,  
NOT SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)			
Month and year	Soybean	Cottonseed	Corn
1990			
January.....	1,187.4	119.4	118.4
1989			
December.....	1,161.2	117.4	119.1
November.....	1,145.7	115.3	97.6
October.....	1,057.3	97.6	121.0
September.....	843.0	56.8	108.5
August.....	855.0	81.9	98.7
July.....	835.9	76.6	118.6
June.....	856.1	94.5	119.9
May.....	977.4	109.7	125.1
April.....	1,004.0	111.7	122.0
March.....	1,041.2	127.1	128.9
February.....	952.3	106.0	108.6
January.....	1,105.8	129.3	125.5
1988			
December.....	1,110.4	125.0	127.8
November.....	1,108.5	125.3	107.5
October.....	1,047.4	98.6	123.8
September.....	901.3	56.9	124.5
August.....	878.6	72.7	132.1
July.....	994.2	91.0	131.7
June.....	996.4	91.2	125.4
May.....	1,087.5	105.8	125.6
April.....	1,132.7	104.4	117.3
March.....	1,186.9	113.2	113.4
February.....	1,091.8	115.8	110.2
January.....	1,170.2	125.7	107.1

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)						
Product code	Product description	January 1990			December 1989	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	3,247,658	3,216,951	2,723,048	3,161,009	2,692,341
00131 01	Cottonseed <sup>1</sup> .....	164,636	350,881	1,876,275	335,104	2,062,520
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	16,268	13,138	6,655	12,551	3,525
00119 22	Sunflower seeds.....	(D)	65,300	(D)	78,379	(D)
00119 33	Safflower seeds.....	(D)	(D)	49,024	6,195	57,468
00119 18	Rapeseed.....	(D)	(D)	(D)	(NA)	(NA)
00000 00	Other major oil bearing materials <sup>2</sup> .....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.  
(NA) Not available.

<sup>1</sup>Actual cottonseed received at the mill location: January 1990, 114,637; December 1989, 404,329.

<sup>2</sup>Other major oils consist of tung and castor (no. 1 and no. 2).

Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	January 1990		December 1989		
			Production	Stocks, end of month	Production	Stocks, end of month	Shipments and transfers
	Soybean:						
20751 11	Crude oil.....	Thous. lbs.	1,187,368	775,027	1,161,169	726,046	1,138,387
20752 11	Cake and meal.....	S. tons....	2,437,294	230,494	2,407,972	292,732	2,499,532
20752 13	For animal feed.....	..do.....	2,415,240	(X)	2,388,170	(X)	(X)
20752 15	For edible protein products.....	..do.....	22,054	(X)	19,802	(X)	(X)
20752 61	Millfeed (hull meal).....	..do.....	111,355	23,529	111,646	35,423	123,249
20751 42	Lecithin.....	..do.....	4,677	(X)	4,638	(X)	(X)
	Cottonseed:						
20741 11	Crude oil.....	Thous. lbs.	119,399	28,991	117,419	31,903	122,311
20744 11	Cake and meal.....	S. tons....	157,262	60,487	152,579	60,711	157,486
20744 51	Hulls.....	..do.....	92,461	56,691	86,705	49,051	94,821
	Linters: <sup>1</sup>						
	Gross weight.....	Thous. lbs.	54,267	19,759	50,966	27,208	61,716
	Equivalent running bales.....	Number....	86,010	31,447	80,793	43,244	97,807
20743 13	First cut:						
	Gross weight.....	Thous. lbs.	11,020	9,718	10,168	10,611	11,913
	Equivalent running bales.....	Number....	17,604	15,524	16,243	16,950	19,030
20743 15	Second cut:						
	Gross weight.....	Thous. lbs.	36,901	7,232	34,251	12,787	42,456
	Equivalent running bales.....	Number....	58,203	11,407	54,024	20,169	66,990
20743 17	Mill run:						
	Gross weight.....	Thous. lbs.	6,346	2,809	6,547	3,810	7,347
	Equivalent running bales.....	Number....	10,203	4,516	10,526	6,125	11,812
	Linseed:						
20761 11	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 11	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Peanut:						
20762 52	Crude oil.....	Thous. lbs.	10,775	3,467	9,815	5,412	12,720
20763 51	Cake and meal.....	S. tons....	7,209	3,242	7,272	1,996	5,963
	Sunflower:						
20762 35	Crude oil.....	Thous. lbs.	51,490	(D)	65,939	(D)	(D)
20763 64	Cake and meal.....	S. tons....	32,242	1,246	39,680	(D)	(D)
	Corn:						
20460 61	Crude oil.....	Thous. lbs.	118,429	19,375	119,112	21,475	120,529
	Safflower:						
20762 99	Crude oil.....	Thous. lbs.	(D)	40,393	4,783	42,233	(D)
20763 99	Cake and meal.....	S. tons....	(D)	3,998	3,644	5,592	(D)
	Rapeseed:						
20762 71	Crude oil.....	Thous. lbs.	(D)	(D)	(NA)	(NA)	(NA)
20763 71	Cake and meal.....	S. tons....	(D)	(D)	(NA)	(NA)	(NA)
	Other:						
20762 99	Crude oil.....	Thous. lbs.	-	-	-	-	-
20763 99	Cake and meal.....	S. tons....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised by 5 percent or more than previously published figure. (NA) Not available. (X) Not applicable.

<sup>1</sup>Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)			
Product code	Product description	January 1990	December 1989
<b>Soybean oil:</b>			
	Stocks, end of month.....	1,731,021	1,604,920
20751 11	Crude.....	1,495,932	1,362,505
20751 21	Refined.....	235,089	242,415

Table 5. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

(Short tons)

State	January 1990		December 1989	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	350,881	1,876,275	335,104	2,062,520
Arkansas.....	29,927	202,030	26,924	238,209
Pacific and Mountain States.....	71,275	516,078	64,592	482,972
Mississippi.....	47,374	288,561	39,982	324,781
Texas.....	141,499	666,199	146,351	773,402
All other States.....	60,806	203,407	57,255	243,156

Note: Detail may not add to totals due to independent rounding.

† Revised by 5 percent or more from previously published figures.

Table 6. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS FOR SELECTED STATES

State and product description	Unit of measure	January 1990		December 1989	
		Production	Stocks	Production	Stocks
Arkansas:					
Crude oil.....	Thous. lbs.	10,018	680	8,751	(D)
Cake and meal.....	S. tons....	13,126	2,502	11,828	2,388
Hulls.....	..do.....	7,571	1,618	6,817	1,272
Linters.....	bales <sup>1</sup> ....	8,752	1,442	7,984	1,860
California:					
Crude oil.....	Thous. lbs.	13,389	(D)	15,008	(D)
Cake and meal.....	S. tons....	19,011	19,545	19,756	20,102
Hulls.....	..do.....	9,460	13,352	9,163	12,180
Linters.....	bales <sup>1</sup> ....	11,792	6,681	11,765	9,593
Mississippi:					
Crude oil.....	Thous. lbs.	14,953	5,196	12,363	4,380
Cake and meal.....	S. tons....	20,368	(D)	17,286	(D)
Hulls.....	..do.....	12,161	1,746	10,082	1,286
Linters.....	bales <sup>1</sup> ....	12,782	2,453	12,342	3,884
Texas:					
Crude oil.....	Thous. lbs.	45,631	5,299	48,875	7,350
Cake and meal.....	S. tons....	63,777	19,862	65,899	21,670
Hulls.....	..do.....	39,449	21,390	40,720	18,167
Linters.....	bales <sup>1</sup> ....	35,225	15,047	31,689	20,747

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Data reported in gross weight and converted to running bales using the following factors:  
1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 7. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

State	(Short tons)			
	January 1990		December 1989	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	3,216,951	2,723,048	3,161,009	2,692,341
Arkansas.....	110,882	140,876	125,203	107,431
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	587,687	389,419	611,078	321,019
Indiana.....	205,869	(D)	211,625	(D)
Iowa.....	555,801	238,944	542,387	211,941
Kansas.....	146,644	104,027	136,919	105,206
Minnesota.....	215,144	69,087	215,181	76,005
Missouri.....	165,329	144,448	171,192	189,736
Ohio.....	204,754	(D)	201,747	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	851,286	1,048,554	786,924	1,126,589

(D) Data withheld to avoid disclosing figures for individual companies.

Table 8. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	January 1990		December 1989	
	Crude oil	Cake and meal total <sup>1</sup>	Crude oil	Cake and meal total <sup>1</sup>
Production:				
United States.....	1,187,368	2,553,326	1,161,169	2,524,256
Arkansas.....	38,991	89,112	44,022	100,549
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	220,282	458,589	230,255	484,850
Indiana.....	73,759	162,258	74,450	168,362
Iowa.....	216,365	441,064	207,807	430,754
Kansas.....	54,577	117,877	49,310	111,810
Minnesota.....	83,229	172,537	83,600	174,605
Missouri.....	61,381	132,675	62,580	136,608
Ohio.....	69,992	165,394	68,122	162,557
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	306,647	677,354	283,820	629,365
Stocks at oil mill locations, end of month:				
United States.....	775,027	254,023	726,046	328,155
Arkansas.....	4,427	7,108	8,379	11,984
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	157,049	46,822	148,921	60,442
Indiana.....	(D)	(D)	(D)	(D)
Iowa.....	77,095	20,496	(D)	41,536
Kansas.....	12,217	5,693	(D)	10,390
Minnesota.....	44,284	9,390	32,474	21,327
Missouri.....	30,740	(D)	22,890	(D)
Ohio.....	(D)	(D)	(D)	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	126,858	79,121	95,041	98,179

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Includes millfeed and lecithin.



Table 9. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: DECEMBER 1989

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise <sup>1</sup>	Percent exports to manufacturers' production	Imports for consumption <sup>2</sup>	Apparent consumption <sup>3</sup>
20751 11	Soybean - crude oil.....	1,161.2	99.9	8.6	-	1,061.3
20741 11	Cottonseed - crude oil..	117.4	8.9	7.6	-	108.5

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and HTSUSA import numbers, see table 10.

- Represents zero.

<sup>1</sup>Source: Bureau of the Census Report EM 545, U.S. Exports.

<sup>2</sup>Source: Bureau of the Census Report IM 145, U.S. Imports for Consumption.

<sup>3</sup>Apparent consumption is equal to domestic production, plus imports, minus exports.

Table 10. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION-BASED PRODUCT CODES WITH SCHEDULE B EXPORT NUMBERS, AND HTSUSA IMPORT NUMBERS: 1990

Product code	Product description	Export number <sup>1</sup>	Import number <sup>2</sup>
20751 11	Soybean - crude oil.....	1507.10.0000	1507.10.0000
20754 11	Cottonseed - crude oil.....	1512.21.0000	1512.21.0000

<sup>1</sup>Source: 1990 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

<sup>2</sup>Source: Harmonized Tariff Schedule of the United States, Annotated (1990).

## DESCRIPTION OF SURVEY

**Scope of Survey.** This survey covers all plants in the United States that crush vegetable oil-bearing materials (oilseeds, beans, nuts, etc.). Only primary processors are included in this survey. Plants that only refine or further process crude vegetable oils are excluded.

**Survey Methodology .** The data shown in this publication were collected by mail on Bureau of the Census monthly Form M20J, Oilseeds, Beans, and Nuts (Primary Processors), from a panel of about 185 establishments. Approximately 95 percent of these establishments are included in the monthly mail panel. The remaining small crushers report data annually. Monthly data for these small crushers are estimated based on their annual reports and trends reported by those in the monthly panel.

**Survey Error.** Figures for the current month may include estimates for panel members for which reports were not received in time for tabulation. Such missing figures are "imputed" based on month-to-month movements shown by reporting firms. Imputation generally is limited to a maximum of 5 percent for any one data cell. Figures with imputation rates greater than 5 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The range of difference between the actual and imputed figures is not precisely known, but is assumed to be small. The degree of uncertainty regarding the accuracy of the published data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revisions to Previous Period Data .** Statistics for previous months may be revised as the result of corrected data from respondents, including the receipt of late reports for which imputations were made as described above. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment .** The data are adjusted for the number of working days in the reporting period to compensate for differences in individual company reporting patterns, i.e., calendar month, 4-week, 5-week periods. Since the calendar month accounting system prevails in this industry, adjustments have been made to those reporting on other than a calendar month basis.

**Seasonal Adjustment.** This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the

X-11 variant of the Bureau of the Census Method II Seasonal Adjustment Program. This seasonal adjustment program is a ratio-to-moving average method. The seasonal adjustment program largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal patterns than do the unadjusted (original) data.

## EXPLANATION OF TERMS

*Net Receipts at Mills (Current Month).* Figures under this heading are derived by subtracting stocks held at the end of the previous month from the sum of materials crushed during the current month and stocks held at the end of the current month.

*Shipments and Transfers (Current Month).* Figures under this heading are derived by subtracting stocks held at the end of the current month from the sum of stocks held at the end of the previous month and production during the current month.

*Linters.* The fuzz or short fibers that adhere to cottonseed after ginning.

*Hulls.* The outer covering of cottonseeds or soybeans.

*Cake and Meal.* The residue left after the oil is extracted from a seed, nut, or kernel.

*Crude Vegetable Oils.* Oil until it has been processed by an alkali or caustic wash or by some equivalent operation.

*Lecithin.* A mixed phosphatide product obtained from soybean oil in the degumming process.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The trade comparisons shown in this report should be considered only as approximations. Several problems prevent precise comparisons among imports, exports, and domestic output. These problems include the following:

- Export and import comparisons do not account for the origin of materials used to manufacture the finished product. Domestic output includes any goods that undergo substantial transformation into a finished product in the U.S., even if the goods are partially constructed abroad or are constructed of imported materials.

- There will be a lag between the time a producer makes or ships a product and the time it is actually exported. Similarly, there may be a lag between the time a product is imported and when it enters into U.S. distribution channels.
- The basic structure of these classification systems differ. The Standard Industrial Classification (SIC) system used for domestic output was developed independently of the Harmonized System (HS) used to classify imports and exports. The level of detail provided by the different systems varies substantially, reflecting their different objectives. For example, there are a number of imported commodities that have no comparable domestic output classification.
- Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of domestic output data for such commodities may contain some duplication.
- Import and export data reflect the movement of merchandise into and out of U.S. foreign trade zones, the U.S. Virgin Islands, and the U.S. customs territory of the 50 States, the District of Columbia, and Puerto Rico. Domestic output reflects activity in the 50 States and, only if specified, in Puerto Rico.
- Import and export data generally do not distinguish between new, used or rebuilt commodities.
- The valuation of the three data sets differ. Domestic output is valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, and excludes freight charge and excise taxes. Exports are valued at the point of exportation. It includes the net sales price or value, and inland freight, insurance and other charges to the export point. Imports are valued at the first port of entry in the United States. They include the cost, insurance, freight, duty, and other charges to the import point.
- Detailed commodity information is not included for individual export or import shipments at or below a certain dollar limit. This dollar limit is \$2,500 for exports and \$1,250 for imports, except for import of textiles and textile products, gloves, footwear, and miscellaneous rubber and plastics products, where the limit is \$250.

## RELATED REPORTS

An annual crop year Current Industrial Report also is published in this series. The annual report summarizes monthly figures and incorporates known revisions in the

series for both the current and previous year. It also provides a single reference copy to replace the monthly publications.

The Bureau of the Census also publishes the following related reports:

Series	Frequency	Title
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*Current Industrial Reports*

M20K	Monthly	<i>Fats and Oils (Production, Consumption, and Stocks)</i>
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*Other Industry Statistics*

M3-1	Monthly	<i>Manufacturers' Shipments, Inventories, and Orders</i>
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(AS)	Annually	Annual Survey of Manufacturers (ASM)
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(MC)	Quinquennially	Census of Manufactures
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*Foreign Trade Reports*

EM 545	Monthly	<i>U.S. Exports—Schedule B—Commodity by Country</i>
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FT 446	Annually	
IM 145	Monthly	<i>U.S. Imports for Consumption—HTSUSA—Commodity by Country</i>
FT 246	Annually	

## CONTACTS FOR DATA USERS

Subject Area	Contact	Phone Number
Current Industrial Reports M20J	Cynthia DiPardo	(301) 763-4476
Manufacturers' Shipments, Inventories, and Orders	Kathleen Menth	(301) 763-2575
Classification Systems Comparability	Francis McCormick (ESD)	(301) 763-1935
Census/ASM	Ted McGrath	(301) 763-5152
Foreign Trade	Trade Data Inquiries Staff (FTD)	(301) 763-5140
To order a Current Industrial Report	Superintendent of Documents (GPO)	(202) 783-3238
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November.....	988.0	97.1	108.1
October.....	971.6	100.7	118.5
September.....	1,056.6	100.4	123.1
August.....	982.8	123.0	128.5
July.....	1,088.9	196.5	129.6
June.....	1,070.2	137.1	126.7
May.....	1,117.7	122.7	115.0
April.....	1,191.1	100.0	118.4
March.....	1,124.0	88.0	109.1
February.....	1,112.9	87.9	118.2
January.....	1,060.0	81.8	116.7

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Cynthia DiPardo, (301) 763-4476.

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Table 1B. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,  
NOT SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1990			
February.....	1,021.7	98.2	113.5
January.....	1,187.4	118.4	118.5
1989			
December.....	1,161.2	117.4	119.1
November.....	1,145.7	115.3	97.6
October.....	1,057.3	97.6	121.0
September.....	843.0	56.8	108.5
August.....	855.0	81.9	98.7
July.....	835.9	76.6	118.6
June.....	856.1	94.5	119.9
May.....	977.4	109.7	125.1
April.....	1,004.0	111.7	122.0
March.....	1,041.2	127.1	128.9
February.....	952.3	106.0	108.6
January.....	1,105.8	129.3	125.5
1988			
December.....	1,110.4	125.0	127.8
November.....	1,108.5	125.3	107.5
October.....	1,047.4	98.6	123.8
September.....	901.3	56.9	124.5
August.....	878.6	72.7	132.1
July.....	994.2	91.0	131.7
June.....	996.4	91.2	125.4
May.....	1,087.5	105.8	125.6
April.....	1,132.7	104.4	117.3
March.....	1,186.9	113.2	113.4
February.....	1,091.8	115.8	110.2
January.....	1,170.2	125.7	107.1

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)

Product code	Product description	February 1990			January 1990	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	2,684,916	2,751,798	2,741,688	3,216,951	2,808,570
00131 01	Cottonseed <sup>1</sup> .....	1,890	285,985	1,592,764	346,613	1,876,859
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	18,972	19,149	9,718	13,673	<sup>r</sup> 9,895
00119 22	Sunflower seeds.....	(D)	78,486	(D)	65,300	(D)
00119 33	Safflower seeds.....	(D)	9,595	41,966	(D)	49,024
00119 18	Rapeseed.....	(D)	(D)	(D)	(D)	(D)
00000 00	Other major oil bearing materials <sup>2</sup> .....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.  
<sup>r</sup> Revised by 5 percent or more from previously published figures.

<sup>1</sup> Actual cottonseed received at the mill location: February 1990, 58,079; January 1990, 112,861.

<sup>2</sup> Other major oils consist of tung and castor (no. 1 and no. 2).

Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	February 1990		January 1990		
			Production	Stocks, end of month	Production	Stocks, end of month	Shipments and transfers
	Soybean:						
20751 11	Crude oil.....	Thous. lbs.	1,021,717	753,155	1,187,368	775,027	1,043,589
20752 11	Cake and meal.....	S. tons....	2,093,374	240,412	2,437,294	230,499	2,083,461
20752 13	For animal feed.....	..do.....	2,077,082	(X)	2,415,240	(X)	(X)
20752 15	For edible protein products.....	..do.....	16,292	(X)	22,054	(X)	(X)
20752 61	Millfeed (hull meal).....	..do.....	93,817	21,372	111,355	23,529	95,974
20751 42	Lecithin.....	..do.....	4,586	(X)	4,677	(X)	(X)
	Cottonseed:						
20741 11	Crude oil.....	Thous. lbs.	98,249	34,724	118,433	28,804	92,329
20744 11	Cake and meal.....	S. tons....	130,624	75,494	157,051	61,523	116,653
20744 51	Hulls.....	..do.....	72,566	57,895	91,559	56,979	71,650
	Linters: <sup>1</sup>						
	Gross weight.....	Thous. lbs.	45,044	19,064	52,452	<sup>r</sup> 20,966	46,946
	Equivalent running bales.....	Number....	71,449	30,366	83,135	<sup>r</sup> 33,354	74,467
20743 13	First cut:						
	Gross weight.....	Thous. lbs.	9,138	8,355	<sup>r</sup> 10,269	9,718	10,545
	Equivalent running bales.....	Number....	14,597	13,347	<sup>r</sup> 16,404	15,594	16,845
20743 15	Second cut:						
	Gross weight.....	Thous. lbs.	28,751	7,491	35,714	<sup>r</sup> 8,325	29,585
	Equivalent running bales.....	Number....	45,349	11,815	56,331	<sup>r</sup> 13,131	46,664
20743 17	Mill run:						
	Gross weight.....	Thous. lbs.	7,155	3,218	6,469	2,879	6,816
	Equivalent running bales.....	Number....	11,503	5,174	10,400	4,629	10,958
	Linseed:						
20761 11	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 11	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Peanut:						
20762 52	Crude oil.....	Thous. lbs.	15,841	9,485	<sup>r</sup> 11,268	3,510	9,866
20763 51	Cake and meal.....	S. tons....	11,004	5,746	7,472	(D)	(D)
	Sunflower:						
20762 35	Crude oil.....	Thous. lbs.	65,999	46,209	51,490	(D)	(D)
20763 64	Cake and meal.....	S. tons....	37,896	(D)	32,242	1,246	(D)
	Corn:						
20460 61	Crude oil.....	Thous. lbs.	113,485	21,288	118,536	19,494	111,691
	Safflower:						
20762 99	Crude oil.....	Thous. lbs.	(D)	42,470	(D)	40,393	(D)
20763 99	Cake and meal.....	S. tons....	(D)	5,773	(D)	3,998	(D)
	Rapeseed:						
20762 71	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 71	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Other:						
20762 99	Crude oil.....	Thous. lbs.	-	-	-	-	-
20763 99	Cake and meal.....	S. tons....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. <sup>r</sup> Revised by 5 percent or more than previously published figure. (X) Not applicable.

<sup>1</sup> Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)

Product code	Product description	February 1990	January 1990
<b>Soybean oil:</b>			
	Stocks, end of month.....	1,711,550	1,717,579
20751 11	Crude.....	1,474,871	1,479,812
20751 21	Refined.....	236,679	237,767

Table 5. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

State	(Short tons)			
	February 1990		January 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	285,985	1,595,764	346,613	1,876,859
Arkansas.....	28,591	179,304	29,927	202,030
Pacific and Mountain States.....	47,678	455,920	66,542	517,648
Mississippi.....	43,275	238,229	47,715	287,624
Texas.....	118,646	552,010	141,499	666,199
All other States.....	47,795	170,301	60,930	203,358

Note: Detail may not add to totals due to independent rounding.

\* Revised by 5 percent or more from previously published figures.

Table 6. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS FOR SELECTED STATES

State and product description	Unit of measure	February 1990		January 1990	
		Production	Stocks	Production	Stocks
Arkansas:					
Crude oil.....	Thous. lbs.	9,428	1,768	10,018	680
Cake and meal.....	S. tons....	12,997	2,836	13,126	2,502
Hulls.....	..do.....	6,956	3,167	7,571	1,618
Linters.....	bales <sup>1</sup> ....	8,094	2,051	8,752	1,442
California:					
Crude oil.....	Thous. lbs.	(D)	(D)	12,275	(D)
Cake and meal.....	S. tons....	(D)	19,327	18,631	(D)
Hulls.....	..do.....	(D)	10,951	8,659	13,540
Linters.....	bales <sup>1</sup> ....	(D)	7,425	8,720	8,466
Mississippi:					
Crude oil.....	Thous. lbs.	13,627	(D)	15,085	5,246
Cake and meal.....	S. tons....	18,386	4,172	20,521	(D)
Hulls.....	..do.....	9,349	(D)	12,057	1,857
Linters.....	bales <sup>1</sup> ....	12,335	2,339	13,026	2,510
Texas:					
Crude oil.....	Thous. lbs.	38,842	5,560	45,631	5,299
Cake and meal.....	S. tons....	54,322	26,622	63,777	19,862
Hulls.....	..do.....	33,035	23,088	39,449	21,390
Linters.....	bales <sup>1</sup> ....	28,483	12,326	35,225	15,047

(D) Data withheld to avoid disclosing figures for individual companies. \* Revised by 5 percent or more from previously published figures.

<sup>1</sup> Data reported in gross weight and converted to running bales using the following factors: 1st cut = 626 lbs., 2nd cut = 634 lbs., and mill run = 622 lbs.



Table 7. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

(Short tons)

State	February 1990		January 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	2,751,798	2,741,688	3,216,951	2,808,570
Arkansas.....	104,043	147,865	110,882	140,876
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	504,850	345,788	587,687	389,379
Indiana.....	168,434	(D)	205,869	(D)
Iowa.....	477,599	316,034	555,801	287,181
Kansas.....	121,730	111,801	146,644	104,027
Minnesota.....	187,377	71,078	215,144	69,087
Missouri.....	148,258	163,063	165,329	181,653
Ohio.....	170,639	143,296	204,754	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	719,512	1,057,814	851,286	1,048,554

(D) Data withheld to avoid disclosing figures for individual companies. <sup>1</sup> Revised by 5 percent or more from previously published figures.

Table 8. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	February 1990		January 1990	
	Crude oil	Cake and meal total <sup>1</sup>	Crude oil	Cake and meal total <sup>1</sup>
Production:				
United States.....	1,021,717	2,191,777	1,187,368	2,553,326
Arkansas.....	36,593	83,321	38,991	89,112
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	192,048	393,624	220,282	458,589
Indiana.....	60,392	132,787	73,759	162,258
Iowa.....	185,231	379,429	216,365	441,064
Kansas.....	45,507	98,884	54,577	117,877
Minnesota.....	71,898	152,266	83,229	172,537
Missouri.....	55,617	118,624	61,381	132,675
Ohio.....	58,602	137,859	69,992	165,394
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	262,139	576,547	306,647	677,354
Stocks at oil mill locations, end of month:				
United States.....	753,155	261,784	775,027	254,028
Arkansas.....	12,114	7,948	4,427	7,108
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	137,574	49,479	157,049	46,822
Indiana.....	(D)	(D)	(D)	(D)
Iowa.....	57,283	17,433	77,095	20,496
Kansas.....	(D)	7,526	12,217	5,693
Minnesota.....	40,705	(D)	44,284	9,390
Missouri.....	33,309	(D)	30,740	5,822
Ohio.....	(D)	(D)	(D)	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	157,605	82,417	126,858	79,121

<sup>1</sup> (D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Includes millfeed and lecithin.

Table 9. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: FEBRUARY 1990

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise <sup>1</sup>	Percent exports to manufacturers' production	Imports for consumption <sup>2</sup>	Apparent consumption <sup>3</sup>
20751 11	Soybean - crude oil.....	1,187.4	79.0	6.7	-	1,108.4
20741 11	Cottonseed - crude oil..	118.4	16.4	13.9	-	102.0

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and HTSUSA import numbers, see table 10.

- Represents zero.

<sup>1</sup>Source: Bureau of the Census Report EM 545, U.S. Exports.

<sup>2</sup>Source: Bureau of the Census Report IM 145, U.S. Imports for Consumption.

<sup>3</sup>Apparent consumption is equal to domestic production, plus imports, minus exports.

Table 10. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION-BASED PRODUCT CODES WITH SCHEDULE B EXPORT NUMBERS, AND HTSUSA IMPORT NUMBERS: 1990

Product code	Product description	Export number <sup>1</sup>	Import number <sup>2</sup>
20751 11	Soybean - crude oil.....	1507.10.0000	1507.10.0000
20754 11	Cottonseed - crude oil.....	1512.21.0000	1512.21.0000

<sup>1</sup>Source: 1990 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

<sup>2</sup>Source: Harmonized Tariff Schedule of the United States, Annotated (1990).

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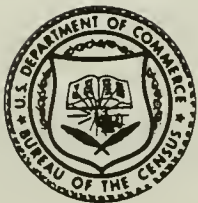
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# Fats and Oils— Oilseed Crushings

MARCH 1990

M20J(90)-3  
Issued May 1990

The statistics in this publication are based on a survey of all known crushers of oilseeds and represent total U.S. production of oilseed extraction. Estimates are included for companies whose reports were not received in time

for tabulation. A description of the survey methodology and related information may be found in the January 1990 report for this series, M20J(90)-1, issued March 1990.

This report is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. The electronic version of this report will be available approximately one week earlier than the printed report. The CENDATA report for April 1990 will be released on or about May 23, 1990. For further information, contact Customer Services, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Table 1A. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION, SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1990			
March.....	1,067.7	72.4	124.0
February.....	1,059.9	80.7	114.7
January.....	1,076.5	83.6	118.0
1989			
December.....	1,045.2	87.7	119.2
November.....	1,028.5	89.2	98.6
October.....	994.6	100.4	112.7
September.....	986.0	100.4	109.2
August.....	982.1	136.7	95.3
July.....	893.1	142.9	116.4
June.....	931.6	135.0	117.8
May.....	990.3	126.1	117.0
April.....	1,023.4	108.3	123.7
March.....	987.9	101.6	126.5
February.....	990.9	81.0	119.6
January.....	1,003.4	86.5	134.5
1988			
December.....	978.3	90.8	135.0
November.....	988.0	97.1	108.1
October.....	971.6	100.7	118.5
September.....	1,056.6	100.4	123.1
August.....	982.8	123.0	128.5
July.....	1,088.9	196.5	129.6
June.....	1,070.2	137.1	126.7
May.....	1,117.7	122.7	115.0
April.....	1,191.1	100.0	118.4
March.....	1,124.0	88.0	109.1
February.....	1,112.9	87.9	118.2

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Cynthia DiPardo, (301) 763-4476.

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Table 1B. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,  
NOT SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
<b>1990</b>			
March.....	1,142.4	89.4	122.6
February.....	1,021.7	98.2	113.7
January.....	1,187.4	118.4	118.5
<b>1989</b>			
December.....	1,161.2	117.4	119.1
November.....	1,145.7	115.3	97.6
October.....	1,057.3	97.6	121.0
September.....	843.0	56.8	108.5
August.....	855.0	81.9	98.7
July.....	835.9	76.6	118.6
June.....	856.1	94.5	119.9
May.....	977.4	109.7	125.1
April.....	1,004.0	111.7	122.0
March.....	1,041.2	127.1	128.9
February.....	952.3	106.0	108.6
January.....	1,105.8	129.3	125.5
<b>1988</b>			
December.....	1,110.4	125.0	127.8
November.....	1,108.5	125.3	107.5
October.....	1,047.4	98.6	123.8
September.....	901.3	56.9	124.5
August.....	878.6	72.7	132.1
July.....	994.2	91.0	131.7
June.....	996.4	91.2	125.4
May.....	1,087.5	105.8	125.6
April.....	1,132.7	104.4	117.3
March.....	1,186.9	113.2	113.4
February.....	1,091.8	115.8	110.2

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)

Product code	Product description	March 1990			February 1990	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	2,827,879	3,064,154	2,504,595	2,752,798	2,740,870
00131 01	Cottonseed <sup>1</sup> .....	-48,052	255,286	1,289,426	285,085	1,592,764
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	18,165	17,583	10,300	19,149	9,718
00119 22	Sunflower seeds.....	(D)	46,545	59,567	78,486	(D)
00119 33	Safflower seeds.....	(D)	(D)	32,730	9,447	41,436
00119 18	Rapeseed.....	(D)	(D)	(D)	(D)	(D)
00000 00	Other major oil bearing materials <sup>2</sup> .....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Actual cottonseed received at the mill location: March 1990, 52,193; February 1990, 58,079.<sup>2</sup>Other major oils consist of tung and castor (no. 1 and no. 2).

Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	March 1990		February 1990		
			Production	Stocks, end of month	Production	Stocks, end of month	Shipments and transfers
20751 11	Soybean:	Thous. lbs.	1,142,388	683,993	1,021,717	753,312	1,211,707
20752 11	Crude oil.....	S. tons....	2,324,743	283,917	2,093,374	240,603	2,281,429
20752 13	Cake and meal.....	..do.....	2,304,921	(X)	2,077,082	(X)	(X)
20752 15	For animal feed.....	..do.....	19,822	(X)	16,292	(X)	(X)
20752 61	For edible protein products.....	..do.....	107,559	27,931	93,817	21,372	101,000
20751 42	Millfeed (hull meal).....	..do.....	5,146	(X)	4,586	(X)	(X)
	Lecithin.....	..do.....					
20741 11	Cottonseed:	Thous. lbs.	89,387	24,808	98,215	30,286	94,865
20744 11	Crude oil.....	S. tons....	117,198	69,143	130,624	75,494	123,549
20744 51	Cake and meal.....	..do.....	64,629	42,009	72,301	57,895	80,515
	Hulls.....	..do.....					
	Linters: <sup>1</sup>	Thous. lbs.	42,169	21,060	42,916	18,918	40,027
	Gross weight.....	Number....	66,483	33,489	68,077	30,102	63,096
20743 13	Equivalent running bales.....	Number....					
	First cut:	Thous. lbs.	9,397	8,822	8,611	8,349	8,924
	Gross weight.....	Number....	15,011	14,093	13,756	13,337	14,256
20743 15	Equivalent running bales.....	Number....					
	Second cut:	Thous. lbs.	28,157	9,169	27,311	7,459	26,447
	Gross weight.....	Number....	44,412	14,462	43,077	11,765	41,715
20743 17	Equivalent running bales.....	Number....					
	Mill run:	Thous. lbs.	4,615	3,069	6,994	3,110	4,656
	Gross weight.....	Number....	7,420	4,934	11,244	5,000	7,486
	Equivalent running bales.....	Number....					
20761 11	Linseed:	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 11	Crude oil.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Cake and meal.....	..do.....					
20762 52	Peanut:	Thous. lbs.	14,281	3,940	15,841	9,485	19,826
20763 51	Crude oil.....	S. tons....	9,775	4,609	11,004	5,746	10,912
	Cake and meal.....	..do.....					
20762 35	Sunflower:	Thous. lbs.	37,850	(D)	65,999	46,209	(D)
20763 64	Crude oil.....	S. tons....	22,599	(D)	37,896	(D)	25,683
	Cake and meal.....	..do.....					
20460 61	Corn:	Thous. lbs.	122,625	15,799	113,661	21,291	128,117
	Crude oil.....	..do.....					
20762 99	Safflower:	Thous. lbs.	(D)	(D)	(D)	42,470	9,957
20763 99	Crude oil.....	S. tons....	(D)	(D)	(D)	5,173	4,958
	Cake and meal.....	..do.....					
20762 71	Rapeseed:	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 71	Crude oil.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Cake and meal.....	..do.....					
20762 99	Other:	Thous. lbs.	-	-	-	-	-
20763 99	Crude oil.....	S. tons....	-	-	-	-	-
	Cake and meal.....	..do.....					

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. <sup>†</sup>Revised by 5 percent or more than previously published figure. (X) Not applicable.

<sup>1</sup>Data reported in gross weight and converted to running bales using the following factors: 1st cut + 626 lbs., 2nd cut + 634 lbs., and mill run + 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)

Product code	Product description	March 1990	February 1990
	Soybean oil:		
	Stocks, end of month.....	1,696,959	1,721,914
20751 11	Crude.....	1,478,686	1,475,069
20751 21	Refined.....	218,273	246,845

Table 5. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

(Short tons)

State	March 1990		February 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	255,286	1,289,426	285,085	1,592,764
Arkansas.....	27,273	150,154	28,591	179,304
Pacific and Mountain States.....	54,862	369,693	46,778	455,920
Mississippi.....	30,528	205,705	43,275	238,229
Texas.....	97,446	425,982	118,646	552,010
All other States.....	45,177	137,892	47,795	167,301

Note: Detail may not add to totals due to independent rounding.

Table 6. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS FOR SELECTED STATES

State and product description	Unit of measure	March 1990		February 1990	
		Production	Stocks	Production	Stocks
Arkansas:					
Crude oil.....	Thous. lbs.	9,049	1,785	9,428	1,768
Cake and meal.....	S. tons....	12,219	2,420	12,997	2,836
Hulls.....	..do.....	6,342	3,539	6,956	3,167
Linters.....	bales <sup>1</sup> ....	8,367	2,313	8,094	2,051
California:					
Crude oil.....	Thous. lbs.	(D)	4,510	(D)	(D)
Cake and meal.....	S. tons....	(D)	(D)	(D)	17,262
Hulls.....	..do.....	(D)	6,756	(D)	10,951
Linters.....	bales <sup>1</sup> ....	(D)	7,367	(D)	7,192
Mississippi:					
Crude oil.....	Thous. lbs.	9,625	(D)	13,627	(D)
Cake and meal.....	S. tons....	13,225	2,804	18,386	4,172
Hulls.....	..do.....	6,843	2,307	9,349	(D)
Linters.....	bales <sup>1</sup> ....	9,547	2,133	12,335	2,339
Texas:					
Crude oil.....	Thous. lbs.	32,642	5,534	38,842	5,516
Cake and meal.....	S. tons....	43,722	25,732	54,322	26,644
Hulls.....	..do.....	27,327	12,264	33,035	23,188
Linters.....	bales <sup>1</sup> ....	25,136	13,060	28,483	12,326

(D) Data withheld to avoid disclosing figures for individual companies. <sup>F</sup> Revised by 5 percent or more from previously published figures.<sup>1</sup> Data reported in gross weight and converted to running bales using the following factors:  
1st cut = 626 lbs., 2nd cut = 634 lbs., and mill run = 622 lbs.



Table 7. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

State	(Short tons)			
	March 1990		February 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	3,064,154	2,504,595	2,752,798	2,740,870
Arkansas.....	110,950	139,561	104,043	147,865
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	558,195	307,234	504,850	345,788
Indiana.....	181,836	176,353	168,434	179,220
Iowa.....	519,550	255,273	477,599	316,034
Kansas.....	118,570	120,195	121,730	111,801
Minnesota.....	224,365	46,736	187,377	71,078
Missouri.....	166,388	150,155	148,258	163,063
Ohio.....	195,158	133,849	170,639	143,296
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	835,339	952,049	720,512	1,057,814

(D) Data withheld to avoid disclosing figures for individual companies.

Table 8. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	March 1990		February 1990	
	Crude oil	Cake and meal total <sup>1</sup>	Crude oil	Cake and meal total <sup>1</sup>
Production:				
United States.....	1,142,388	2,437,448	1,021,717	2,191,777
Arkansas.....	39,402	88,942	36,593	83,321
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	211,424	437,268	192,048	393,624
Indiana.....	65,879	143,843	60,392	132,787
Iowa.....	203,598	413,096	185,231	379,429
Kansas.....	44,400	95,358	45,507	98,884
Minnesota.....	87,783	179,703	71,898	152,266
Missouri.....	62,134	133,976	55,617	118,624
Ohio.....	67,289	156,685	58,602	137,859
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	303,839	666,559	262,139	576,547
Stocks at oil mill locations, end of month:				
United States.....	683,993	311,848	753,312	261,975
Arkansas.....	12,619	(D)	12,114	7,948
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	126,705	56,179	137,574	49,479
Indiana.....	(D)	(D)	(D)	(D)
Iowa.....	49,463	25,266	57,283	17,433
Kansas.....	(D)	7,878	(D)	7,526
Minnesota.....	39,739	23,449	40,705	(D)
Missouri.....	(D)	(D)	33,309	(D)
Ohio.....	(D)	(D)	(D)	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	134,406	93,127	157,762	82,614

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Includes millfeed and lecithin.

Table 9. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: MARCH 1990

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise <sup>1</sup>	Percent exports to manufacturers' production	Imports for consumption <sup>2</sup>	Apparent consumption <sup>3</sup>
20751 11	Soybean - crude oil.....	1,021.7	99.9	9.8	-	921.8
20741 11	Cottonseed - crude oil..	98.2	8.9	9.1	-	89.3

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and HTSUSA import numbers, see table 10.

- Represents zero.

<sup>1</sup>Source: Bureau of the Census Report EM 545, U.S. Exports.

<sup>2</sup>Source: Bureau of the Census Report IM 145, U.S. Imports for Consumption.

<sup>3</sup>Apparent consumption is equal to domestic production, plus imports, minus exports.

Table 10. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION-BASED PRODUCT CODES WITH SCHEDULE B EXPORT NUMBERS, AND HTSUSA IMPORT NUMBERS: 1990

Product code	Product description	Export number <sup>1</sup>	Import number <sup>2</sup>
20751 11	Soybean - crude oil.....	1507.10.0000	1507.10.0000
20754 11	Cottonseed - crude oil.....	1512.21.0000	1512.21.0000

<sup>1</sup>Source: 1990 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

<sup>2</sup>Source: Harmonized Tariff Schedule of the United States, Annotated (1990).



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## CURRENT INDUSTRIAL REPORTS

# Fats and Oils— Oilseed Crushings

APRIL 1990 (REVISED)

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M20J(90)-4  
Issued July 1990

The statistics in this publication are based on a survey of all known crushers of oilseeds and represent total U.S. production of oilseed extraction. Estimates are included for companies whose reports were not received in time

for tabulation. A description of the survey methodology and related information may be found in the January 1990 report for this series, M20J(90)-1, issued March 1990.

This report is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. The electronic version of this report will be available approximately one week earlier than the printed report. The CENDATA report for May 1990 will be released on or about June 26, 1990. For further information, contact Customer Services, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Table 1A. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION, SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1990			
April.....	1,056.2	79.9	128.8
March.....	1,067.7	72.4	124.0
February.....	1,059.9	80.7	114.7
January.....	1,076.5	83.6	118.0
1989			
December.....	1,045.2	87.7	119.2
November.....	1,028.5	89.2	98.6
October.....	994.6	100.4	119.0
September.....	986.0	100.4	109.2
August.....	982.1	136.7	95.3
July.....	893.1	142.9	116.4
June.....	931.6	135.0	117.8
May.....	990.3	126.1	117.0
April.....	1,023.4	108.3	123.7
March.....	987.9	101.6	126.5
February.....	990.9	81.0	119.6
January.....	1,003.4	86.5	134.5
1988			
December.....	978.3	90.8	135.0
November.....	988.0	97.1	108.1
October.....	971.6	100.7	118.5
September.....	1,056.6	100.4	123.1
August.....	982.8	123.0	128.5
July.....	1,088.9	196.5	129.6
June.....	1,070.2	137.1	126.7
May.....	1,117.7	122.7	115.0
April.....	1,191.1	100.0	118.4
March.....	1,124.0	88.0	109.1

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Cynthia DiPardo, (301) 763-4476.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Table 1B. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,  
NOT SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1990			
April.....	1,066.8	84.6	129.7
March.....	1,142.4	89.4	122.6
February.....	1,021.7	98.2	113.7
January.....	1,187.4	118.4	118.5
1989			
December.....	1,161.2	117.4	119.1
November.....	1,145.7	115.3	97.6
October.....	1,057.3	97.6	121.0
September.....	843.0	56.8	108.5
August.....	855.0	81.9	98.7
July.....	835.9	76.6	118.6
June.....	856.1	94.5	119.9
May.....	977.4	109.7	125.1
April.....	1,004.0	111.7	122.0
March.....	1,041.2	127.1	128.9
February.....	952.3	106.0	108.6
January.....	1,105.8	129.3	125.5
1988			
December.....	1,110.4	125.0	127.8
November.....	1,108.5	125.3	107.5
October.....	1,047.4	98.6	123.8
September.....	901.3	56.9	124.5
August.....	878.6	72.7	132.1
July.....	994.2	91.0	131.7
June.....	996.4	91.2	125.4
May.....	1,087.5	105.8	125.6
April.....	1,132.7	104.4	117.3
March.....	1,186.9	113.2	113.4

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)

Product code	Product description	April 1990			March 1990	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	2,541,772	2,854,650	2,190,512	3,064,154	2,503,390
00131 01	Cottonseed <sup>1</sup> .....	19,779	233,594	1,075,611	254,751	1,289,426
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	31,176	27,160	14,316	17,632	10,300
00119 22	Sunflower seeds.....	33,048	59,902	32,713	46,545	59,567
00119 33	Safflower seeds.....	(D)	(D)	32,425	(D)	32,730
00119 18	Rapeseed.....	(D)	(D)	(D)	(D)	(D)
00000 00	Other major oil bearing materials <sup>2</sup> .....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Actual cottonseed received at the mill location: April 1990, 18,601; March 1990, 52,193.

<sup>2</sup> Other major oils consist of tung and castor (no. 1 and no. 2).

Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	April 1990		March 1990		
			Production	Stocks, end of month	Production	Stocks, end of month	Shipments and transfers
	Soybean:						
20751 11	Crude oil.....	Thous. lbs.	1,066,754	687,153	1,142,388	683,993	1,063,594
20752 11	Cake and meal.....	S. tons....	2,154,533	280,328	2,324,743	283,917	2,158,122
20752 13	For animal feed.....	..do.....	2,137,118	(X)	2,304,921	(X)	(X)
20752 15	For edible protein products.....	..do.....	17,415	(X)	19,822	(X)	(X)
20752 61	Millfeed (hull meal).....	..do.....	109,481	27,538	107,559	27,931	109,874
20751 42	Lecithin.....	..do.....	4,674	(X)	5,146	(X)	(X)
	Cottonseed:						
20741 11	Crude oil.....	Thous. lbs.	84,640	21,412	89,411	24,808	88,036
20744 11	Cake and meal.....	S. tons....	106,408	85,770	117,212	68,981	89,619
20744 51	Hulls.....	..do.....	59,117	52,258	64,839	41,855	48,714
	Linters:						
	Gross weight.....	Thous. lbs.	37,341	21,588	42,169	20,911	36,664
	Equivalent running bales.....	Number....	59,189	34,333	66,843	33,251	58,107
20743 13	First cut:						
	Gross weight.....	Thous. lbs.	8,196	9,120	9,397	8,673	7,749
	Equivalent running bales.....	Number....	13,093	14,569	15,011	13,855	12,379
20743 15	Second cut:						
	Gross weight.....	Thous. lbs.	25,017	9,229	28,157	9,169	24,957
	Equivalent running bales.....	Number....	39,459	14,557	44,412	14,462	39,364
20743 17	Mill run:						
	Gross weight.....	Thous. lbs.	4,128	3,239	4,615	3,069	3,958
	Equivalent running bales.....	Number....	6,637	5,207	7,420	4,934	6,364
	Linseed:						
20761 11	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 11	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Peanut:						
20762 52	Crude oil.....	Thous. lbs.	22,841	7,240	14,217	3,940	19,541
20763 51	Cake and meal.....	S. tons....	15,370	6,079	9,800	4,609	13,900
	Sunflower:						
20762 35	Crude oil.....	Thous. lbs.	48,972	68,302	37,850	57,501	38,171
20763 64	Cake and meal.....	S. tons....	28,641	5,358	22,599	2,375	25,658
2046D 61	Corn:						
	Crude oil.....	Thous. lbs.	129,669	21,434	122,625	15,799	124,034
	Safflower:						
20762 99	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 99	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Rapeseed:						
20762 71	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 71	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Other:						
20762 99	Crude oil.....	Thous. lbs.	-	-	-	-	-
20763 99	Cake and meal.....	S. tons....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. (X) Not applicable.

<sup>1</sup> Data reported in gross weight and converted to running bales using the following factors: 1st cut + 626 lbs., 2nd cut + 634 lbs., and mill run + 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)

Product code	Product description	April 1990	March 1990
<b>Soybean oil:</b>			
	Stocks, end of month.....	1,716,705	1,694,892
20751 11	Crude.....	1,516,659	1,477,288
20751 21	Refined.....	200,046	217,604

Table 5. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

State	(Short tons)			
	April 1990		March 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	233,594	1,075,611	254,751	1,289,426
Arkansas.....	39,973	113,655	27,273	150,154
Pacific and Mountain States.....	42,829	285,614	54,862	369,693
Mississippi.....	31,142	164,078	30,528	205,705
Texas.....	100,793	328,078	97,726	425,982
All other States.....	18,857	184,186	44,362	137,892

Note: Detail may not add to totals due to independent rounding.

Table 6. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS FOR SELECTED STATES

State and product description	Unit of measure	April 1990		March 1990	
		Production	Stocks	Production	Stocks
Arkansas:					
Crude oil.....	Thous. lbs.	13,175	2,341	9,049	1,785
Cake and meal.....	S. tons....	18,009	7,664	12,219	2,420
Hulls.....	..do.....	9,850	5,933	6,342	3,539
Linters.....	bales <sup>1</sup> .....	12,042	3,426	8,367	2,313
California:					
Crude oil.....	Thous. lbs.	(D)	(D)	(D)	4,510
Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)
Hulls.....	..do.....	(D)	9,673	(D)	6,756
Linters.....	bales <sup>1</sup> .....	(D)	9,516	(D)	7,367
Mississippi:					
Crude oil.....	Thous. lbs.	10,040	4,223	9,625	(D)
Cake and meal.....	S. tons....	12,849	2,666	13,225	2,804
Hulls.....	..do.....	7,511	2,166	6,843	2,307
Linters.....	bales <sup>1</sup> .....	9,418	2,695	9,547	2,257
Texas:					
Crude oil.....	Thous. lbs.	34,957	3,116	32,666	5,534
Cake and meal.....	S. tons....	45,598	38,132	43,736	25,570
Hulls.....	..do.....	27,496	19,934	27,537	12,110
Linters.....	bales <sup>1</sup> .....	23,237	11,347	25,136	12,822

(D) Data withheld to avoid disclosing figures for individual companies. <sup>†</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Data reported in gross weight and converted to running bales using the following factors:  
1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.



Table 7. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

(Short tons)

State	April 1990		March 1990	
	Crushed or used	Stocks at mills, and of month	Crushed or used	Stocks at mills, end of month
United States.....	2,854,650	2,190,512	3,064,154	2,503,390
Arkansas.....	107,429	(D)	110,950	139,561
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	512,169	294,474	558,195	306,029
Indiana.....	173,465	(D)	181,836	(D)
Iowa.....	500,320	204,551	519,550	254,623
Kansas.....	134,492	104,612	118,570	120,195
Minnesota.....	204,802	69,231	224,365	46,736
Missouri.....	150,581	143,236	166,388	150,155
Ohio.....	182,954	114,893	195,158	133,849
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	733,024	829,290	835,339	952,049

(D) Data withheld to avoid disclosing figures for individual companies.

Table 8. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	April 1990		March 1990	
	Crude oil	Cake and meal total <sup>1</sup>	Crude oil	Cake and meal total <sup>1</sup>
Production:				
United States.....	1,066,754	2,268,688	1,142,388	2,437,448
Arkansas.....	37,918	86,233	39,402	88,942
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	196,345	399,709	211,424	437,268
Indiana.....	60,965	137,356	65,879	143,843
Iowa.....	196,198	396,675	203,598	413,096
Kansas.....	49,859	108,311	44,400	95,358
Minnesota.....	80,730	164,970	87,783	179,703
Missouri.....	56,272	120,684	62,134	133,976
Ohio.....	62,282	146,669	67,289	156,685
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	269,486	585,702	303,839	666,559
Stocks at oil mill locations, end of month:				
United States.....	687,153	307,866	683,993	311,848
Arkansas.....	19,822	(D)	12,619	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	111,834	73,767	126,705	56,179
Indiana.....	(D)	(D)	(D)	(D)
Iowa.....	43,994	20,972	49,463	25,242
Kansas.....	(D)	8,093	(D)	7,878
Minnesota.....	47,071	18,932	39,739	23,449
Missouri.....	(D)	(D)	(D)	(D)
Ohio.....	(D)	(D)	(D)	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	155,016	96,610	134,406	93,127

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Includes millfeed and lecithin.

Table 9. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: APRIL 1990

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise <sup>1</sup>	Percent exports to manufacturers' production	Imports for consumption <sup>2</sup>	Apparent consumption <sup>3</sup>
20751 11	Soybean - crude oil.....	1,142.4	131.7	11.5	-	1,010.7
20741 11	Cottonseed - crude oil..	89.4	23.4	26.1	-	66.0

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and HTSUSA import numbers, see table 10.

- Represents zero.

<sup>1</sup>Source: Bureau of the Census Report EM 545, U.S. Exports.

<sup>2</sup>Source: Bureau of the Census Report IM 145, U.S. Imports for Consumption.

<sup>3</sup>Apparent consumption is equal to domestic production, plus imports, minus exports.

Table 10. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION-BASED PRODUCT CODES WITH SCHEDULE B EXPORT NUMBERS, AND HTSUSA IMPORT NUMBERS: 1990

Product code	Product description	Export number <sup>1</sup>	Import number <sup>2</sup>
20751 11	Soybean - crude oil.....	1507.10.0000	1507.10.0000
20754 11	Cottonseed - crude oil.....	1512.21.0000	1512.21.0000

<sup>1</sup>Source: 1990 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

<sup>2</sup>Source: Harmonized Tariff Schedule of the United States, Annotated (1990).

# 1987 Industry and Product Classification Manual

EC87-R-3



U S Department of Commerce  
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- Industrial coverage of the Economic and Agriculture Censuses described within the context of each SIC division.
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# Fats and Oils— Oilseed Crushings

JUNE 1990

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M20J(90)-6  
Issued August 1990

The statistics in this publication are based on a survey of all known crushers of oilseeds and represent total U.S. production of oilseed extraction. Estimates are included for companies whose reports were not received in time

for tabulation. A description of the survey methodology and related information may be found in the January 1990 report for this series, M20J(90)-1, issued March 1990.

This report is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. The electronic version of this report will be available approximately one week earlier than the printed report. The CENDATA report for July 1990 will be released on or about August 28, 1990. For further information, contact Customer Services, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Table 1A. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION, SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1990			
June.....	1,137.0	94.5	132.5
May.....	1,054.3	80.4	109.5
April.....	1,056.2	83.9	128.8
March.....	1,067.7	72.4	124.0
February.....	1,059.9	80.7	114.7
January.....	1,076.5	83.6	118.0
1989			
December.....	1,045.2	87.7	119.2
November.....	1,028.5	89.2	98.6
October.....	994.6	100.4	119.0
September.....	986.0	100.4	109.2
August.....	982.1	136.7	95.3
July.....	893.1	142.9	116.4
June.....	931.6	135.0	117.8
May.....	990.3	126.1	117.0
April.....	1,023.4	108.3	123.7
March.....	987.9	101.6	126.5
February.....	990.9	81.0	119.6
January.....	1,003.4	86.5	134.5
1988			
December.....	978.3	90.8	135.0
November.....	988.0	97.1	108.1
October.....	971.6	100.7	118.5
September.....	1,056.6	100.4	123.1
August.....	982.8	123.0	128.5
July.....	1,088.9	196.5	129.6
June.....	1,070.2	137.1	126.7
May.....	1,117.7	122.7	115.0

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Cynthia DiPardo, (301) 763-4476.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.



Table 18. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,  
NOT SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)			
Month and year	Soybean	Cottonseed	Corn
1990			
June.....	1 035.8	75.4	131.4
May.....	1,050.1	74.7	109.6
April.....	1,066.8	88.8	129.7
March.....	1,142.4	89.4	122.6
February.....	1,021.7	98.2	113.7
January.....	1,187.4	118.4	118.5
1989			
December.....	1,161.2	117.4	119.1
November.....	1,145.7	115.3	97.6
October.....	1,057.3	97.6	121.0
September.....	843.0	56.8	108.5
August.....	855.0	81.9	98.7
July.....	835.9	76.6	118.6
June.....	856.1	94.5	119.9
May.....	977.4	109.7	125.1
April.....	1,004.0	111.7	122.0
March.....	1,041.2	127.1	128.9
February.....	952.3	106.0	108.6
January.....	1,105.8	129.3	125.5
1988			
December.....	1,110.4	125.0	127.8
November.....	1,108.5	125.3	107.5
October.....	1,047.4	98.6	123.8
September.....	901.3	56.9	124.5
August.....	878.6	72.7	132.1
July.....	994.2	91.0	131.7
June.....	996.4	91.2	125.4
May.....	1,087.5	105.8	125.6

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)						
Product code	Product description	June 1990			May 1990	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	2,496,810	2,759,848	1,763,244	2,801,934	2,026,282
00131 01	Cottonseed <sup>1</sup> .....	-75,266	192,920	515,759	201,480	783,945
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	21,592	29,239	11,527	29,421	19,174
00119 22	Sunflower seeds.....	35,929	41,107	(D)	32,998	(D)
00119 33	Safflower seeds.....	(D)	(D)	8,673	(D)	18,510
00119 18	Rapeseed.....	(D)	(D)	(D)	(D)	(D)
00000 00	Other major oil bearing materials <sup>2</sup> .....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.  
<sup>r</sup> Revised by 5 percent or more from previously published figures.

<sup>1</sup> Actual cottonseed received at the mill location: June 1990, 17,394; May 1990, 8,372.

<sup>2</sup> Other major oils consist of tung and castor (no. 1 and no. 2).

Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	June 1990		May 1990		
			Production	Stocks, end of month	Production	Stocks, end of month	Shipments and transfers
Soybean:							
20751 11	Crude oil.....	Thous. lbs.	1,035,825	563,055	1,050,112	632,142	1,104,912
20752 11	Cake and meal.....	S. tons....	2,061,806	219,595	2,107,274	221,218	2,063,429
20752 13	For animal feed.....	..do.....	2,038,556	(X)	2,088,550	(X)	(X)
20752 15	For edible protein products.....	..do.....	23,250	(X)	18,724	(X)	(X)
20752 61	Millfeed (hull meal).....	..do.....	122,173	42,925	116,959	31,337	110,585
20751 42	Lecithin.....	..do.....	4,462	(X)	4,636	(X)	(X)
Cottonseed:							
20741 11	Crude oil.....	Thous. lbs.	75,381	20,386	74,675	<sup>r</sup> 23,271	78,266
20744 11	Cake and meal.....	S. tons....	86,590	85,436	90,660	<sup>r</sup> 93,738	94,892
20744 51	Hulls.....	..do.....	49,129	34,248	51,876	<sup>r</sup> 42,924	57,805
Linters:							
	Gross weight.....	Thous. lbs.	31,895	15,016	31,241	<sup>r</sup> 18,202	35,081
	Equivalent running bales.....	Number....	50,568	23,854	49,550	<sup>r</sup> 28,927	55,641
20743 13	First cut:						
	Gross weight.....	Thous. lbs.	6,224	5,223	7,114	6,594	7,595
	Equivalent running bales.....	Number....	9,942	8,343	11,364	10,534	12,133
20743 15	Second cut:						
	Gross weight.....	Thous. lbs.	21,230	7,650	19,828	<sup>r</sup> 8,867	22,447
	Equivalent running bales.....	Number....	33,486	12,066	31,274	<sup>r</sup> 13,986	35,406
20743 17	Mill run:						
	Gross weight.....	Thous. lbs.	4,441	2,143	4,299	2,741	5,039
	Equivalent running bales.....	Number....	7,140	3,445	6,912	4,407	8,102
Linseed:							
20761 11	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 11	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
Peanut:							
20762 52	Crude oil.....	Thous. lbs.	24,883	11,800	24,853	10,523	23,606
20763 51	Cake and meal.....	S. tons....	16,052	8,821	15,882	8,550	15,781
Sunflower:							
20762 35	Crude oil.....	Thous. lbs.	33,908	(D)	27,191	(D)	41,758
20763 64	Cake and meal.....	S. tons....	20,544	(D)	17,362	(D)	15,524
Corn:							
20460 61	Crude oil.....	Thous. lbs.	131,453	23,700	109,618	20,009	127,762
Safflower:							
20762 99	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	-49
20763 99	Cake and meal.....	S. tons....	(D)	(D)	(D)	<sup>r</sup> 5,776	4,601
Rapeseed:							
20762 71	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 71	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
Other:							
20762 99	Crude oil.....	Thous. lbs.	-	-	-	-	-
20763 99	Cake and meal.....	S. tons....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Data reported in gross weight and converted to running bales using the following factors: 1st cut + 626 lbs., 2nd cut + 634 lbs., and mill run + 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)

Product code	Product description	June 1990	May 1990
<b>Soybean oil:</b>			
	Stocks, end of month.....	1,417,183	1,551,096
20751 11	Crude.....	1,220,288	1,352,391
20751 21	Refined.....	196,895	<sup>r</sup> 198,705

<sup>r</sup>Revised by 5 percent or more from previously published figures.

Table 5. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

State	(Short tons)			
	June 1990		May 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	192,920	515,759	201,480	783,945
Arkansas.....	35,506	(D)	<sup>r</sup> 38,441	<sup>r</sup> 75,197
Pacific and Mountain States.....	14,838	142,764	<sup>r</sup> 28,520	212,481
Mississippi.....	43,435	71,292	41,986	119,461
Texas.....	70,828	(D)	<sup>r</sup> 72,294	246,230
All other States.....	28,313	96,287	<sup>r</sup> 20,239	<sup>r</sup> 130,576

Note: Detail may not add to totals due to independent rounding.

(D) Data withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised by 5 percent or more from previously published figures.

Table 6. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS FOR SELECTED STATES

State and product description	Unit of measure	June 1990		May 1990	
		Production	Stocks	Production	Stocks
Arkansas:					
Crude oil.....	Thous. lbs.	11,647	2,591	12,713	3,071
Cake and meal.....	S. tons....	15,944	12,508	17,374	9,204
Hulls.....	..do.....	8,780	5,963	9,487	<sup>r</sup> 7,475
Linters.....	bales <sup>1</sup> ....	10,262	2,821	10,975	2,457
California:					
Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)
Cake and meal.....	S. tons....	(D)	7,825	(D)	<sup>r</sup> 11,223
Hulls.....	..do.....	(D)	6,143	(D)	<sup>r</sup> 8,340
Linters.....	bales <sup>1</sup> ....	(D)	7,764	(D)	11,500
Mississippi:					
Crude oil.....	Thous. lbs.	13,360	(D)	12,777	(D)
Cake and meal.....	S. tons....	18,487	4,327	17,396	(D)
Hulls.....	..do.....	9,430	(D)	9,639	2,498
Linters.....	bales <sup>1</sup> ....	12,639	3,231	12,560	2,871
Texas:					
Crude oil.....	Thous. lbs.	24,540	4,371	25,591	3,996
Cake and meal.....	S. tons....	31,226	38,000	31,985	40,176
Hulls.....	..do.....	21,227	12,763	21,427	14,304
Linters.....	bales <sup>1</sup> ....	17,087	7,114	17,261	8,277

(D) Data withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Data reported in gross weight and converted to running bales using the following factors:  
1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 7. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

State	(Short tons)			
	June 1990		May 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	2,759,848	1,763,244	2,801,934	2,026,282
Arkansas.....	(D)	(D)	(D)	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	516,074	277,425	543,819	300,389
Indiana.....	182,703	105,045	197,216	(D)
Iowa.....	500,337	194,109	492,918	187,760
Kansas.....	134,746	56,762	142,343	90,830
Minnesota.....	218,293	70,517	206,227	63,027
Missouri.....	156,051	84,130	169,928	116,089
Ohio.....	189,143	90,955	147,858	126,590
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	660,085	641,850	698,157	761,979

(D) Data withheld to avoid disclosing figures for individual companies.

Table 8. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	June 1990		May 1990	
	Crude oil	Cake and meal total <sup>1</sup>	Crude oil	Cake and meal total <sup>1</sup>
Production:				
United States.....	1,035,825	2,188,441	1,050,112	2,228,869
Arkansas.....	(D)	(D)	(D)	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	198,168	400,813	208,537	425,593
Indiana.....	66,520	144,138	69,354	155,463
Iowa.....	196,306	396,103	192,826	391,506
Kansas.....	50,038	108,423	52,979	115,165
Minnesota.....	83,658	175,488	79,868	165,258
Missouri.....	58,235	125,357	63,561	136,681
Ohio.....	66,063	151,519	50,535	119,046
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	243,445	526,158	258,061	559,013
Stocks at oil mill locations, end of month:				
United States.....	563,055	262,520	632,142	252,555
Arkansas.....	9,050	4,678	10,962	3,335
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	97,450	73,951	93,606	56,576
Indiana.....	(D)	(D)	(D)	(D)
Iowa.....	61,993	26,371	46,537	20,736
Kansas.....	(D)	9,615	(D)	8,411
Minnesota.....	51,825	16,153	45,218	13,362
Missouri.....	(D)	(D)	(D)	(D)
Ohio.....	(D)	(D)	(D)	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	90,479	79,376	147,790	92,566

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Includes millfeed and lecithin.

Table 9. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: MAY 1990

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise <sup>1</sup>	Percent exports to manufacturers' production	Imports for consumption <sup>2</sup>	Apparent consumption <sup>3</sup>
20751 11	Soybean - crude oil.....	1,050.1	95.1	9.1	-	955.0
20741 11	Cottonseed - crude oil..	74.7	22.6	30.3	-	52.1

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and HTSUSA import numbers, see table 10.

- Represents zero.

<sup>1</sup>Source: Bureau of the Census Report EM 545, U.S. Exports.

<sup>2</sup>Source: Bureau of the Census Report IM 145, U.S. Imports for Consumption.

<sup>3</sup>Apparent consumption is equal to domestic production, plus imports, minus exports.

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Product code	Product description	Export number <sup>1</sup>	Import number <sup>2</sup>
20751 11	Soybean - crude oil.....	1507.10.0000	1507.10.0000
20754 11	Cottonseed - crude oil.....	1512.21.0000	1512.21.0000

<sup>1</sup>Source: 1990 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

<sup>2</sup>Source: Harmonized Tariff Schedule of the United States, Annotated (1990).



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## 1987 Industry and Product Classification Manual

(1987 SIC basis)

EC87-R-3



U.S. Department of Commerce  
BUREAU OF THE CENSUS

THE INDUSTRY AND PRODUCT CLASSIFICATION MANUAL, until this 1987 edition, was an internal Bureau of the Census reference document used primarily to assign SIC-based codes to industries and products for the economic censuses and current surveys. Because of data users' interest and many requests, the Census Bureau is making this publication available to the public.

This publication is widely used within the economic area of the Census Bureau to provide consistent assignment of industry codes. This publication will provide coding information as related to the Census Bureau's economic programs and can be a valuable adjunct resource document to the 1987 SIC Manual.

One of the major highlights of this publication is the subdivision of the 1987 SIC Manual's four-digit industries into greater detail for the Transportation, Communications, Electric, Gas, and Sanitary Services; Wholesale Trade; Retail Trade; and Services Divisions. Other highlights include the following:

- Industrial coverage of the Economic and Agriculture Censuses described within the context of each SIC division.
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# Fats and Oils— Oilseed Crashings

JULY 1990

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M20J(90)-7  
Issued September 1990

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for tabulation. A description of the survey methodology and related information may be found in the January 1990 report for this series, M20J(90)-1, issued March 1990.

This report is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. The electronic version of this report will be available approximately one week earlier than the printed report. The CENDATA report for August 1990 will be released on or about September 26, 1990. For further information, contact Customer Services, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

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(Millions of pounds)			
Month and year	Soybean	Cottonseed	Corn
1990			
July.....	1,119.7	79.3	137.9
June.....	1,137.0	94.5	132.5
May.....	1,054.3	80.4	109.5
April.....	1,056.2	83.9	128.8
March.....	1,067.7	72.4	124.0
February.....	1,059.9	80.7	114.7
January.....	1,076.5	83.6	118.0
1989			
December.....	1,045.2	87.7	119.2
November.....	1,028.5	89.2	98.6
October.....	994.6	100.4	119.0
September.....	986.0	100.4	109.2
August.....	982.1	136.7	95.3
July.....	893.1	142.9	116.4
June.....	931.6	135.0	117.8
May.....	990.3	126.1	117.0
April.....	1,023.4	108.3	123.7
March.....	987.9	101.6	126.5
February.....	990.9	81.0	119.6
January.....	1,003.4	86.5	134.5
1988			
December.....	978.3	90.8	135.0
November.....	988.0	97.1	108.1
October.....	971.6	100.7	118.5
September.....	1,056.6	100.4	123.1
August.....	982.8	123.0	128.5
July.....	1,088.9	196.5	129.6

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Cynthia DiPardo, (301) 763-4476.

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Table 1B. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,  
NOT SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)			
Month and year	Soybean	Cottonseed	Corn
1990			
July.....	1,038.0	49.5	140.2
June.....	1,035.8	75.4	131.4
May.....	1,050.1	74.7	109.6
April.....	1,066.8	88.8	129.7
March.....	1,142.4	89.4	122.6
February.....	1,021.7	98.2	113.7
January.....	1,187.4	118.4	118.5
1989			
December.....	1,161.2	117.4	119.1
November.....	1,145.7	115.3	97.6
October.....	1,057.3	97.6	121.0
September.....	843.0	56.8	108.5
August.....	855.0	81.9	98.7
July.....	835.9	76.6	118.6
June.....	856.1	94.5	119.9
May.....	977.4	109.7	125.1
April.....	1,004.0	111.7	122.0
March.....	1,041.2	127.1	128.9
February.....	952.3	106.0	108.6
January.....	1,105.8	129.3	125.5
1988			
December.....	1,110.4	125.0	127.8
November.....	1,108.5	125.3	107.5
October.....	1,047.4	98.6	123.8
September.....	901.3	56.9	124.5
August.....	878.6	72.7	132.1
July.....	994.2	91.0	131.7

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)						
Product code	Product description	July 1990			June 1990	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	2,409,225	2,765,990	1,406,479	2,759,848	1,763,244
00131 01	Cottonseed <sup>1</sup> .....	-16,549	130,947	368,263	194,920	515,759
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	15,163	16,932	9,758	27,795	11,527
00119 22	Sunflower seeds.....	18,567	30,215	10,682	41,107	22,330
00119 33	Safflower seeds.....	(D)	(D)	11,544	(D)	8,673
00119 18	Rapeseed.....	(D)	(D)	(D)	(D)	(D)
00000 00	Other major oil bearing materials <sup>2</sup> .....	-	-	-	-	-

<sup>1</sup> - Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.  
<sup>2</sup> Revised by 5 percent or more from previously published figures.

<sup>1</sup> Actual cottonseed received at the mill location: July 1990, 46,797; June 1990, 17,394.  
<sup>2</sup> Other major oils consist of tung and castor (no. 1 and no. 2).



Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	July 1990		June 1990		
			Production	Stocks, end of month	Production	Stocks, end of month	Shipments and transfers
	Soybean:						
20751 11	Crude oil.....	Thous. lbs.	1,037,984	529,866	1,035,825	563,055	1,071,173
20752 11	Cake and meal.....	S. tons....	2,072,510	216,102	2,061,265	219,595	2,076,000
20752 13	For animal feed.....	..do.....	2,043,254	(X)	2,038,015	(X)	(X)
20752 15	For edible protein products.....	..do.....	29,256	(X)	23,250	(X)	(X)
20752 61	Millfeed (hull meal).....	..do.....	124,138	51,624	122,173	42,925	115,439
20751 42	Lecithin.....	..do.....	5,078	(X)	4,462	(X)	(X)
	Cottonseed:						
20741 11	Crude oil.....	Thous. lbs.	49,492	12,183	75,381	20,386	57,695
20744 11	Cake and meal.....	S. tons....	59,393	55,180	86,590	85,436	89,649
20744 51	Hulls.....	..do.....	34,038	23,589	49,129	34,248	44,697
	Linters:						
	Gross weight.....	Thous. lbs.	23,664	32,767	31,895	15,016	5,913
	Equivalent running bales.....	Number....	37,543	51,990	50,568	23,855	9,407
20743 13	First cut:						
	Gross weight.....	Thous. lbs.	4,591	12,121	6,224	5,223	-2,307
	Equivalent running bales.....	Number....	7,334	19,363	9,942	8,343	-3,685
20743 15	Second cut:						
	Gross weight.....	Thous. lbs.	14,962	18,574	21,230	7,650	4,038
	Equivalent running bales.....	Number....	23,599	29,297	33,486	12,066	6,369
20743 17	Mill run:						
	Gross weight.....	Thous. lbs.	4,111	2,072	4,441	2,143	4,182
	Equivalent running bales.....	Number....	6,609	3,331	7,140	3,445	6,723
	Linseed:						
20761 11	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 11	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Peanut:						
20762 52	Crude oil.....	Thous. lbs.	14,040	12,369	23,858	11,527	13,198
20763 51	Cake and meal.....	S. tons....	9,703	6,862	15,357	11,345	14,186
	Sunflower:						
20762 35	Crude oil.....	Thous. lbs.	25,018	22,929	33,908	25,782	27,871
20763 64	Cake and meal.....	S. tons....	15,128	8,678	20,544	7,117	13,567
	Corn:						
20460 61	Crude oil.....	Thous. lbs.	140,231	28,249	131,434	23,722	135,704
	Safflower:						
20762 99	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 99	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Rapeseed:						
20762 71	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 71	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Other:						
20762 99	Crude oil.....	Thous. lbs.	-	-	-	-	-
20763 99	Cake and meal.....	S. tons....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)

Product code	Product description	July 1990	June 1990
<b>Soybean oil:</b>			
	Stocks, end of month.....	1,420,112	1,421,782
20751 11	Crude.....	1,194,112	1,216,951
20751 21	Refined.....	226,000	<sup>r</sup> 204,831

<sup>r</sup>Revised by 5 percent or more from previously published figures.



Table 5. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

State	(Short tons)			
	July 1990		June 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	130,947	368,263	194,920	515,759
Arkansas.....	(D)	(D)	(D)	(D)
Pacific and Mountain States.....	(D)	93,292	(D)	142,764
Mississippi.....	42,316	(D)	43,435	71,292
Texas.....	25,111	191,302	71,828	(D)
All other States.....	45,612	49,949	28,313	96,287

Note: Detail may not add to totals due to independent rounding.

(D) Data withheld to avoid disclosing figures for individual companies.

Table 6. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS FOR SELECTED STATES

State and product description	Unit of measure	July 1990		June 1990	
		Production	Stocks	Production	Stocks
Arkansas:					
Crude oil.....	Thous. lbs.	(D)	(D)	(D)	2,591
Cake and meal.....	S. tons....	(D)	5,781	(D)	12,508
Hulls.....	..do.....	(D)	(D)	(D)	5,963
Linters.....	bales <sup>1</sup> .....	(D)	2,412	(D)	2,821
California:					
Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)
Cake and meal.....	S. tons....	(D)	3,543	(D)	7,825
Hulls.....	..do.....	(D)	3,985	(D)	6,143
Linters.....	bales <sup>1</sup> .....	(D)	7,285	(D)	7,764
Mississippi:					
Crude oil.....	Thous. lbs.	13,180	4,243	13,360	(D)
Cake and meal.....	S. tons....	18,055	2,899	18,487	4,327
Hulls.....	..do.....	9,371	3,711	9,430	(D)
Linters.....	bales <sup>1</sup> .....	12,329	3,485	12,639	3,231
Texas:					
Crude oil.....	Thous. lbs.	(D)	(D)	24,540	4,371
Cake and meal.....	S. tons....	(D)	24,439	31,226	38,000
Hulls.....	..do.....	(D)	4,211	21,227	12,763
Linters.....	bales <sup>1</sup> .....	(D)	36,061	17,087	7,114

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Data reported in gross weight and converted to running bales using the following factors:  
1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 7. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

State	(Short tons)			
	July 1990		June 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	2,765,990	1,406,479	2,759,848	1,763,244
Arkansas.....	(D)	(D)	(D)	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	565,070	144,896	516,074	277,425
Indiana.....	193,890	(D)	182,703	105,045
Iowa.....	489,042	(D)	500,337	194,109
Kansas.....	136,298	35,573	134,746	56,762
Minnesota.....	188,367	78,672	218,293	70,517
Missouri.....	139,986	80,072	156,051	84,130
Ohio.....	194,935	(D)	189,143	90,955
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	613,845	580,189	660,085	641,850

(D) Data withheld to avoid disclosing figures for individual companies.

Table 8. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	July 1990		June 1990	
	Crude oil	Cake and meal total <sup>1</sup>	Crude oil	Cake and meal total <sup>1</sup>
Production:				
United States.....	1,037,984	2,201,726	1,035,825	2,187,900
Arkansas.....	(D)	(D)	(D)	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	217,036	441,444	198,168	400,813
Indiana.....	69,422	153,595	66,520	144,138
Iowa.....	189,449	387,630	196,306	396,103
Kansas.....	51,035	110,450	50,038	108,423
Minnesota.....	72,793	150,452	83,658	175,488
Missouri.....	52,397	112,712	58,235	125,357
Ohio.....	68,135	156,295	66,063	151,519
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	228,586	495,679	243,445	525,617
Stocks at oil mill locations, end of month:				
United States.....	529,866	267,726	563,055	262,520
Arkansas.....	(D)	6,336	(D)	4,678
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	106,485	95,513	97,450	73,951
Indiana.....	(D)	(D)	(D)	(D)
Iowa.....	55,814	24,285	61,993	26,371
Kansas.....	(D)	6,993	(D)	9,615
Minnesota.....	37,547	11,625	51,825	16,153
Missouri.....	(D)	(D)	(D)	(D)
Ohio.....	(D)	(D)	(D)	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	103,273	67,504	90,479	79,376

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Includes millfeed and lecithin.

Table 9. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: JUNE 1990

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise <sup>1</sup>	Percent exports to manufacturers' production	Imports for consumption <sup>2</sup>	Apparent consumption <sup>3</sup>
20751 11	Soybean - crude oil.....	1,035.8	142.4	13.7	-	893.4
20741 11	Cottonseed - crude oil..	75.4	16.5	21.9	-	58.9

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and HTSUSA import numbers, see table 10.

- Represents zero.

<sup>1</sup>Source: Bureau of the Census Report EM 545, U.S. Exports.

<sup>2</sup>Source: Bureau of the Census Report IM 145, U.S. Imports for Consumption.

<sup>3</sup>Apparent consumption is equal to domestic production, plus imports, minus exports.

Table 10. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION-BASED PRODUCT CODES WITH SCHEDULE B EXPORT NUMBERS, AND HTSUSA IMPORT NUMBERS: 1990

Product code	Product description	Export number <sup>1</sup>	Import number <sup>2</sup>
20751 11	Soybean - crude oil.....	1507.10.0000	1507.10.0000
20754 11	Cottonseed - crude oil.....	1512.21.0000	1512.21.0000

<sup>1</sup>Source: 1990 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

<sup>2</sup>Source: Harmonized Tariff Schedule of the United States, Annotated (1990).

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## 1987 Industry and Product Classification Manual

(1987 SIC basis)

EC87-R-3



U.S. Department of Commerce  
BUREAU OF THE CENSUS

**THE INDUSTRY AND PRODUCT CLASSIFICATION MANUAL**, until this 1987 edition, was an internal Bureau of the Census reference document used primarily to assign SIC-based codes to industries and products for the economic censuses and current surveys. Because of data users' interest and many requests, the Census Bureau is making this publication available to the public.

This publication is widely used within the economic area of the Census Bureau to provide consistent assignment of industry codes. This publication will provide coding information as related to the Census Bureau's economic programs and can be a valuable adjunct resource document to the 1987 SIC Manual.

One of the major highlights of this publication is the subdivision of the 1987 SIC Manual's four-digit industries into greater detail for the Transportation, Communications, Electric, Gas, and Sanitary Services; Wholesale Trade; Retail Trade; and Services Divisions. Other highlights include the following:

- Industrial coverage of the Economic and Agriculture Censuses described within the context of each SIC division.
- Information on report forms used in collecting data for the Census Bureau's economic programs.
- Census Bureau's interpretation, in applying the establishment concept as defined in the 1987 SIC Manual.
- Narrative descriptions and establishment concepts of each SIC division including discussions on borderline activities which may or may not be covered within that division.
- A list of the industry codes, titles, and census form numbers used to collect data by industry, for each SIC division.
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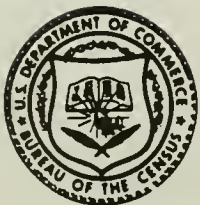
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# Fats and Oils— Oilseed Crashings

AUGUST 1990

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M20J(90)-8  
Issued October 1990

The statistics in this publication are based on a survey of all known crushers of oilseeds and represent total U.S. production of oilseed extraction. Estimates are included for companies whose reports were not received in time

for tabulation. A description of the survey methodology and related information may be found in the January 1990 report for this series, M20J(90)-1, issued March 1990.

This report is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. The electronic version of this report will be available approximately one week earlier than the printed report. The CENDATA report for September 1990 will be released on or about October 26, 1990. For further information, contact Customer Services, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Table 1A. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION, SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
<b>1990</b>			
August.....	1,198.6	85.1	133.6
July.....	1,119.7	76.9	137.8
June.....	1,137.0	94.5	132.5
May.....	1,054.3	80.4	109.5
April.....	1,056.2	83.9	128.8
March.....	1,067.7	72.4	124.0
February.....	1,059.9	80.7	114.7
January.....	1,076.5	83.6	118.0
<b>1989</b>			
December.....	1,045.2	87.7	119.2
November.....	1,028.5	89.2	98.6
October.....	994.6	100.4	119.0
September.....	986.0	100.4	109.2
August.....	982.1	136.7	95.3
July.....	893.1	142.9	116.4
June.....	931.6	135.0	117.8
May.....	990.3	126.1	117.0
April.....	1,023.4	108.3	123.7
March.....	987.9	101.6	126.5
February.....	990.9	81.0	119.6
January.....	1,003.4	86.5	134.5
<b>1988</b>			
December.....	978.3	90.8	135.0
November.....	988.0	97.1	108.1
October.....	971.6	100.7	118.5
September.....	1,056.6	100.4	123.1

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Cynthia DiPardo, (301) 763-4476.

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Table 1B. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,  
NOT SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1990			
August.....	1,044.0	52.0	134.4
July.....	1,038.0	48.0	140.1
June.....	1,035.8	75.4	131.4
May.....	1,050.1	74.7	109.6
April.....	1,066.8	88.8	129.7
March.....	1,142.4	89.4	122.6
February.....	1,021.7	98.2	113.7
January.....	1,187.4	118.4	118.5
1989			
December.....	1,161.2	117.4	119.1
November.....	1,145.7	115.3	97.6
October.....	1,057.3	97.6	121.0
September.....	843.0	56.8	108.5
August.....	855.0	81.9	98.7
July.....	835.9	76.6	118.6
June.....	856.1	94.5	119.9
May.....	977.4	109.7	125.1
April.....	1,004.0	111.7	122.0
March.....	1,041.2	127.1	128.9
February.....	952.3	106.0	108.6
January.....	1,105.8	129.3	125.5
1988			
December.....	1,110.4	125.0	127.8
November.....	1,108.5	125.3	107.5
October.....	1,047.4	98.6	123.8
September.....	901.3	56.9	124.5

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)

Product code	Product description	August 1990			July 1990	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	2,725,912	2,784,812	1,354,551	2,765,990	1,413,451
00131 01	Cottonseed <sup>1</sup> .....	99,960	146,210	320,168	129,307	366,418
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	(D)	9,984	(D)	16,896	9,758
00119 22	Sunflower seeds.....	(D)	7,890	(D)	30,215	10,682
00119 33	Safflower seeds.....	10,155	(D)	(D)	(D)	11,544
00119 18	Rapeseed.....	(D)	(D)	(D)	(D)	(D)
00000 00	Other major oil bearing materials <sup>2</sup> .....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Actual cottonseed received at the mill location: August 1990, 169,211; July 1990, 48,822.

<sup>2</sup> Other major oils consist of tung and castor (no. 1 and no. 2).

Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	August 1990		July 1990		
			Production	Stocks, end of month	Production	Stocks, and of month	Shipments and transfers
	Soybean:						
20751 11	Crude oil.....	Thous. lbs.	1,044,009	549,350	1,037,984	529,866	1,024,525
20752 11	Cake and meal.....	S. tons....	2,080,526	194,364	2,072,510	216,102	2,102,264
20752 13	For animal feed.....	..do.....	2,050,382	(X)	2,043,254	(X)	(X)
20752 15	For edible protein products.....	..do.....	30,144	(X)	29,256	(X)	(X)
20752 61	Millfeed (hull meal).....	..do.....	124,447	37,650	124,138	51,624	138,421
20751 42	Lecithin.....	..do.....	4,998	(X)	5,078	(X)	(X)
	Cottonseed:						
20741 11	Crude oil.....	Thous. lbs.	51,987	8,290	47,975	12,269	55,966
20744 11	Cake and meal.....	S. tons....	63,644	46,476	55,796	56,412	73,580
20744 51	Hulls.....	..do.....	38,123	19,809	33,047	23,768	42,082
	Linters: <sup>1</sup>						
	Gross weight.....	Thous. lbs.	22,690	6,586	22,085	13,972	30,076
	Equivalent running bales.....	Number....	35,953	10,457	35,042	22,191	47,687
20743 13	First cut:						
	Gross weight.....	Thous. lbs.	4,233	2,386	4,120	4,472	6,319
	Equivalent running bales.....	Number....	6,762	3,812	6,581	7,144	10,094
20743 15	Second cut:						
	Gross weight.....	Thous. lbs.	15,846	3,510	13,883	7,428	19,764
	Equivalent running bales.....	Number....	24,994	5,536	21,897	11,716	31,174
20743 17	Mill run:						
	Gross weight.....	Thous. lbs.	2,611	690	4,082	2,072	3,993
	Equivalent running bales.....	Number....	4,198	1,109	6,563	3,331	6,420
	Linseed:						
20761 11	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 11	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Peanut:						
20762 52	Crude oil.....	Thous. lbs.	8,233	7,320	14,040	12,369	13,282
20763 51	Cake and meal.....	S. tons....	5,618	4,805	9,703	6,846	7,659
	Sunflower:						
20762 35	Crude oil.....	Thous. lbs.	6,622	(D)	25,018	(D)	9,024
20763 64	Cake and meal.....	S. tons....	4,533	(D)	15,128	(D)	9,559
	Corn:						
20460 61	Crude oil.....	Thous. lbs.	134,418	28,985	140,117	28,147	133,580
	Safflower:						
20762 99	Crude oil.....	Thous. lbs.	(D)	31,986	(D)	(D)	(D)
20763 99	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Rapeseed:						
20762 71	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 71	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Other:						
20762 99	Crude oil.....	Thous. lbs.	-	-	-	-	-
20763 99	Cake and meal.....	S. tons....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. <sup>†</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Data reported in gross weight and converted to running bales using the following factors: 1st cut = 626 lbs., 2nd cut = 634 lbs., and mill run = 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)			
Product code	Product description	August 1990	July 1990
<b>Soybean oil:</b>			
	Stocks, end of month.....	1,374,836	1,433,313
20751 11	Crude.....	1,149,149	1,197,125
20751 21	Refined.....	225,687	236,188

<sup>†</sup>Revised by 5 percent or more from previously published figures.

Table 5. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

(Short tons)

State	August 1990		July 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	146,210	320,168	129,307	366,418
Arkansas.....	-	(D)	(D)	(D)
Pacific and Mountain States.....	-	42,848	(D)	93,292
Mississippi.....	(D)	(D)	42,316	(D)
Texas.....	(D)	264,560	(D)	193,327
All other States.....	39,831	7,127	39,659	144,482

Note: Detail may not add to totals due to independent rounding.

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

† Revised by 5 percent or more from previously published figures.

Table 6. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS FOR SELECTED STATES

State and product description	Unit of measure	August 1990		July 1990	
		Production	Stocks	Production	Stocks
Arkansas:					
Crude oil.....	Thous. lbs.	-	(D)	(D)	(D)
Cake and meal.....	S. tons....	-	(D)	(D)	5,781
Hulls.....	..do.....	-	(D)	(D)	(D)
Linters.....	bales <sup>1</sup> ....	-	(D)	(D)	2,412
California:					
Crude oil.....	Thous. lbs.	-	(D)	(D)	(D)
Cake and meal.....	S. tons....	-	(D)	(D)	3,543
Hulls.....	..do.....	-	(D)	(D)	3,985
Linters.....	bales <sup>1</sup> ....	-	(D)	(D)	7,285
Mississippi:					
Crude oil.....	Thous. lbs.	(D)	(D)	13,180	4,243
Cake and meal.....	S. tons....	(D)	(D)	18,055	2,899
Hulls.....	..do.....	(D)	(D)	9,371	3,711
Linters.....	bales <sup>1</sup> ....	(D)	(D)	12,329	3,485
Texas:					
Crude oil.....	Thous. lbs.	(D)	2,994	(D)	(D)
Cake and meal.....	S. tons....	(D)	32,756	(D)	24,466
Hulls.....	..do.....	(D)	6,471	(D)	4,183
Linters.....	bales <sup>1</sup> ....	(D)	4,664	(D)	6,254

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

† Revised by 5 percent or more from previously published figures.

<sup>1</sup>Data reported in gross weight and converted to running bales using the following factors:  
 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.



Table 7. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

State	(Short tons)			
	August 1990		July 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	2,784,812	1,354,551	2,765,990	1,413,451
Arkansas.....	(D)	(D)	(D)	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	483,025	201,475	565,070	144,896
Indiana.....	191,477	78,184	193,890	(D)
Iowa.....	541,658	(D)	489,042	(D)
Kansas.....	103,610	41,171	136,298	35,573
Minnesota.....	235,917	92,840	188,367	78,672
Missouri.....	134,372	73,973	139,986	80,072
Ohio.....	197,848	(D)	194,935	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	636,511	483,883	613,845	586,801

(D) Data withheld to avoid disclosing figures for individual companies.

Table 8. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	August 1990		July 1990	
	Crude oil	Cake and meal total <sup>1</sup>	Crude oil	Cake and meal total <sup>1</sup>
Production:				
United States.....	1,044,009	2,209,971	1,037,984	2,201,726
Arkansas.....	(D)	(D)	(D)	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	185,764	374,971	217,036	441,444
Indiana.....	69,953	151,176	69,422	153,595
Iowa.....	210,228	430,065	189,449	387,630
Kansas.....	38,521	83,459	51,035	110,450
Minnesota.....	92,061	188,314	72,793	150,452
Missouri.....	50,300	107,316	52,397	112,712
Ohio.....	69,562	159,660	68,135	156,295
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	232,024	507,811	228,586	495,679
Stocks at oil mill locations, end of month:				
United States.....	549,350	232,014	529,866	267,726
Arkansas.....	13,296	7,173	(D)	6,336
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	95,553	59,446	106,485	95,513
Indiana.....	(D)	(D)	(D)	(D)
Iowa.....	46,480	17,154	55,814	24,285
Kansas.....	(D)	7,652	(D)	6,993
Minnesota.....	(D)	(D)	37,547	11,625
Missouri.....	(D)	(D)	(D)	(D)
Ohio.....	(D)	(D)	(D)	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	129,011	78,435	103,273	67,504

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Includes millfeed and lecithin.



Table 9. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: JULY 1990

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise <sup>1</sup>	Percent exports to manufacturers' production	Imports for consumption <sup>2</sup>	Apparent consumption <sup>3</sup>
20751 11	Soybean - crude oil.....	1,038.0	102.8	9.9	-	935.2
20741 11	Cottonseed - crude oil..	48.0	3.3	6.9	-	44.7

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and HTSUSA import numbers, see table 10.

- Represents zero.

<sup>1</sup>Source: Bureau of the Census Report EM 545, U.S. Exports.

<sup>2</sup>Source: Bureau of the Census Report IM 145, U.S. Imports for Consumption.

<sup>3</sup>Apparent consumption is equal to domestic production, plus imports, minus exports.

Table 10. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION-BASED PRODUCT CODES WITH SCHEDULE B EXPORT NUMBERS, AND HTSUSA IMPORT NUMBERS: 1990

Product code	Product description	Export number <sup>1</sup>	Import number <sup>2</sup>
20751 11	Soybean - crude oil.....	1507.10.0000	1507.10.0000
20754 11	Cottonseed - crude oil.....	1512.21.0000	1512.21.0000

<sup>1</sup>Source: 1990 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

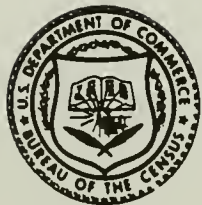
<sup>2</sup>Source: Harmonized Tariff Schedule of the United States, Annotated (1990).



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C3.158:M20J(90)-11

# Fats and Oils— Oilseed Crushings

NOVEMBER 1990

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M20J(90)-11  
Issued January 1991

The statistics in this publication are based on a survey of all known crushers of oilseeds and represent total U.S. production of oilseed extraction. Estimates are included for companies whose reports were not received in time

for tabulation. A description of the survey methodology and related information may be found in the January 1990 report for this series, M20J(90)-1, issued March 1990.

This report is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. The electronic version of this report will be available approximately one week earlier than the printed report. The CENDATA report for December 1990 will be released on or about January 28, 1991. For further information, contact Customer Services, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Table 1A. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION, SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1990			
November.....	1,049.3	82.4	146.2
October.....	1,140.2	88.2	132.1
September.....	1,204.3	110.6	134.5
August.....	1,216.1	96.1	133.9
July.....	1,119.7	76.9	137.8
June.....	1,137.0	94.5	132.5
May.....	1,054.3	80.4	109.5
April.....	1,056.2	83.9	128.8
March.....	1,067.7	72.4	124.0
February.....	1,059.9	80.7	114.7
January.....	1,076.5	83.6	118.0
1989			
December.....	1,045.2	87.7	119.2
November.....	1,028.5	89.2	98.6
October.....	994.6	100.4	119.0
September.....	986.0	100.4	109.2
August.....	982.1	136.7	95.3
July.....	893.1	142.9	116.4
June.....	931.6	135.0	117.8
May.....	990.3	126.1	117.0
April.....	1,023.4	108.3	123.7
March.....	987.9	101.6	126.5
February.....	990.9	81.0	119.6
January.....	1,003.4	86.5	134.5
1988			
December.....	978.3	90.8	135.0
November.....	988.0	97.1	108.1

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Cynthia DiPardo, (301) 763-4476.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Table 1B. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,  
NOT SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)			
Month and year	Soybean	Cottonseed	Corn
1990			
November.....	1,167.9	104.0	129.4
October.....	1,188.1	86.2	142.0
September.....	1,038.1	57.6	132.2
August.....	1,059.2	58.7	134.7
July.....	1,038.0	48.0	140.1
June.....	1,035.8	75.4	131.4
May.....	1,050.1	74.7	109.6
April.....	1,066.8	88.8	129.7
March.....	1,142.4	89.4	122.6
February.....	1,021.7	98.2	113.7
January.....	1,187.4	118.4	118.5
1989			
December.....	1,161.2	117.4	119.1
November.....	1,145.7	115.3	97.6
October.....	1,057.3	97.6	121.0
September.....	843.0	56.8	108.5
August.....	855.0	81.9	98.7
July.....	835.9	76.6	118.6
June.....	856.1	94.5	119.9
May.....	977.4	109.7	125.1
April.....	1,004.0	111.7	122.0
March.....	1,041.2	127.1	128.9
February.....	952.3	106.0	108.6
January.....	1,105.8	129.3	125.5
1988			
December.....	1,110.4	125.0	127.8
November.....	1,108.5	125.3	107.5

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)						
Product code	Product description	November 1990			October 1990	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	3,531,258	3,179,658	3,919,751	3,182,164	3,568,151
00131 01	Cottonseed <sup>1</sup> .....	1,122,866	339,423	2,444,076	274,873	1,660,633
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	16,205	15,210	8,423	17,471	7,428
00119 22	Sunflower seeds.....	147,275	95,010	159,957	63,628	107,692
00119 33	Safflower seeds.....	(D)	(D)	38,872	5,679	(D)
00119 18	Rapeseed.....	(D)	(D)	(D)	(D)	(D)
00000 00	Other major oil bearing materials <sup>2</sup> .....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

<sup>r</sup>Revised by 5 percent or more from previously published figures.

<sup>1</sup>Actual cottonseed received at the mill location: November 1990, 986,124 ; October 1990, 1,214,422.

<sup>2</sup>Other major oils consist of tung and castor (no. 1 and no. 2).



Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	November 1990		October 1990		
			Production	Stocks, end of month	Production	Stocks, end of month	Shipments and transfers
	Soybean:						
20751 11	Crude oil.....	Thous. lbs.	1,167,945	560,249	1,188,069	533,033	1,140,729
20752 11	Cake and meal.....	S. tons....	2,387,958	286,704	2,385,513	266,191	2,367,445
20752 13	For animal feed.....	..do.....	2,358,302	(X)	2,357,708	(X)	(X)
20752 15	For edible protein products.....	..do.....	29,656	(X)	27,805	(X)	(X)
20752 61	Millfeed (hull meal).....	..do.....	122,126	26,871	123,249	24,747	120,002
20751 42	Lecithin.....	..do.....	5,335	(X)	5,512	(X)	(X)
	Cottonseed:						
20741 11	Crude oil.....	Thous. lbs.	103,970	16,950	86,246	17,767	104,787
20744 11	Cake and meal.....	S. tons....	159,906	106,028	128,226	67,435	121,313
20744 51	Hulls.....	..do.....	84,304	35,995	69,237	23,507	71,816
	Linters: <sup>1</sup>						
	Gross weight.....	Thous. lbs.	54,336	18,882	47,741	17,446	52,900
	Equivalent running bales.....	Number....	86,120	30,028	75,714	27,720	83,812
20743 13	First cut:						
	Gross weight.....	Thous. lbs.	12,252	7,613	10,357	5,730	10,369
	Equivalent running bales.....	Number....	19,572	12,161	16,545	9,153	16,564
20743 15	Second cut:						
	Gross weight.....	Thous. lbs.	36,525	8,237	30,682	8,850	37,138
	Equivalent running bales.....	Number....	57,610	12,992	48,394	13,959	58,577
20743 17	Mill run:						
	Gross weight.....	Thous. lbs.	5,559	3,032	6,702	2,866	5,393
	Equivalent running bales.....	Number....	8,937	4,875	10,775	4,608	8,670
	Linseed:						
20761 11	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 11	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Peanut:						
20762 52	Crude oil.....	Thous. lbs.	12,468	7,326	14,413	6,180	11,322
20763 51	Cake and meal.....	S. tons....	8,790	4,091	10,235	2,921	7,620
	Sunflower:						
20762 35	Crude oil.....	Thous. lbs.	76,973	32,389	51,680	(D)	(D)
20763 64	Cake and meal.....	S. tons....	46,921	6,512	33,307	(D)	(D)
	Corn:						
20460 61	Crude oil.....	Thous. lbs.	129,384	30,801	142,016	31,270	129,853
	Safflower:						
20762 99	Crude oil.....	Thous. lbs.	(D)	(D)	4,312	22,192	(D)
20763 99	Cake and meal.....	S. tons....	(D)	(D)	3,388	(D)	(D)
	Rapeseed:						
20762 71	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 71	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Other:						
20762 99	Crude oil.....	Thous. lbs.	-	-	-	-	-
20763 99	Cake and meal.....	S. tons....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. (X) Not applicable.

<sup>1</sup>Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)

Product code	Product description	November 1990	October 1990
<b>Soybean oil:</b>			
Stocks, end of month.....		1,316,893	1,215,937
20751 11	Crude.....	1,098,955	1,019,052
20751 21	Refined.....	217,938	196,885

Table 5. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

State	(Short tons)			
	November 1990		October 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	339,423	2,444,076	274,873	1,660,633
Arkansas.....	40,795	397,485	29,295	342,431
Pacific and Mountain States.....	60,030	573,827	38,869	308,884
Mississippi.....	49,679	372,215	52,729	354,145
Texas.....	128,789	689,995	102,082	357,120
All other States.....	60,130	410,554	51,898	298,053

Note: Detail may not add to totals due to independent rounding.

Table 6. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS FOR SELECTED STATES

State and product description	Unit of measure	November 1990		October 1990	
		Production	Stocks	Production	Stocks
Arkansas:					
Crude oil.....	Thous. lbs.	12,608	1,462	9,336	967
Cake and meal.....	S. tons....	18,877	6,179	13,910	4,464
Hulls.....	..do.....	9,631	1,432	6,374	1,465
Linters.....	bales <sup>1</sup> ....	12,570	2,009	8,996	1,531
California:					
Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)
Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)
Hulls.....	..do.....	(D)	(D)	(D)	(D)
Linters.....	bales <sup>1</sup> ....	(D)	(D)	(D)	(D)
Mississippi:					
Crude oil.....	Thous. lbs.	15,140	3,429	15,874	2,851
Cake and meal.....	S. tons....	23,257	3,093	24,107	3,033
Hulls.....	..do.....	11,644	1,350	12,553	1,302
Linters.....	bales <sup>1</sup> ....	13,612	3,873	14,733	3,750
Texas:					
Crude oil.....	Thous. lbs.	41,981	(D)	32,622	4,169
Cake and meal.....	S. tons....	59,424	46,598	46,713	36,998
Hulls.....	..do.....	34,560	9,007	30,000	7,703
Linters.....	bales <sup>1</sup> ....	29,790	11,328	24,929	10,050

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Data reported in gross weight and converted to running bales using the following factors:  
1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.

Table 7. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

State	(Short tons)			
	November 1990		October 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	3,179,658	3,919,751	3,182,164	<sup>r</sup> 3,568,151
Arkansas.....	112,580	(D)	(D)	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	592,767	671,224	626,236	828,045
Indiana.....	217,021	(D)	227,355	406,560
Iowa.....	569,239	339,770	580,804	465,512
Kansas.....	144,441	150,167	133,581	162,707
Minnesota.....	227,405	(D)	228,411	(D)
Missouri.....	180,325	220,408	185,894	258,198
Ohio.....	205,169	(D)	212,821	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	768,236	1,369,377	746,623	<sup>r</sup> 819,985

(D) Data withheld to avoid disclosing figures for individual companies. <sup>r</sup>Revised by 5 percent or more from previously published figures.

Table 8. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	November 1990		October 1990	
	Crude oil	Cake and meal total <sup>1</sup>	Crude oil	Cake and meal total <sup>1</sup>
Production:				
United States.....	1,167,945	2,515,419	1,188,069	2,514,274
Arkansas.....	41,203	89,625	(D)	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	219,638	464,539	236,522	489,536
Indiana.....	77,743	170,268	81,859	178,291
Iowa.....	218,465	444,951	223,101	459,795
Kansas.....	53,640	116,028	49,557	106,303
Minnesota.....	86,497	181,558	89,005	182,193
Missouri.....	61,905	143,838	70,251	148,032
Ohio.....	71,004	164,271	74,421	168,047
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	279,486	612,145	275,210	592,491
Stocks at oil mill locations, end of month:				
United States.....	560,249	313,575	533,033	290,938
Arkansas.....	24,210	(D)	15,000	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	88,357	108,529	98,056	78,592
Indiana.....	133,461	(D)	126,226	(D)
Iowa.....	(D)	14,943	(D)	22,147
Kansas.....	(D)	6,729	(D)	6,634
Minnesota.....	47,789	(D)	46,650	12,736
Missouri.....	32,730	(D)	(D)	(D)
Ohio.....	(D)	(D)	(D)	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	116,471	74,077	111,793	85,616

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Includes millfeed and lecithin.

Table 9. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: OCTOBER 1990

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise <sup>1</sup>	Percent exports to manufacturers' production	Imports for consumption <sup>2</sup>	Apparent consumption <sup>3</sup>
20751 11	Soybean - crude oil.....	1,188.1	66.7	5.6	13.8	1,121.4
20741 11	Cottonseed - crude oil..	86.2	3.8	4.4	-	82.4

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and HTSUSA import numbers, see table 10.

- Represents zero.

<sup>1</sup>Source: Bureau of the Census Report EM 545, U.S. Exports.

<sup>2</sup>Source: Bureau of the Census Report IM 145, U.S. Imports for Consumption.

<sup>3</sup>Apparent consumption is equal to domestic production, plus imports, minus exports.

Table 10. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION-BASED PRODUCT CODES WITH SCHEDULE B EXPORT NUMBERS, AND HTSUSA IMPORT NUMBERS: 1990

Product code	Product description	Export number <sup>1</sup>	Import number <sup>2</sup>
20751 11	Soybean - crude oil.....	1507.10.0000	1507.10.0000
20754 11	Cottonseed - crude oil.....	1512.21.0000	1512.21.0000

<sup>1</sup>Source: 1990 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

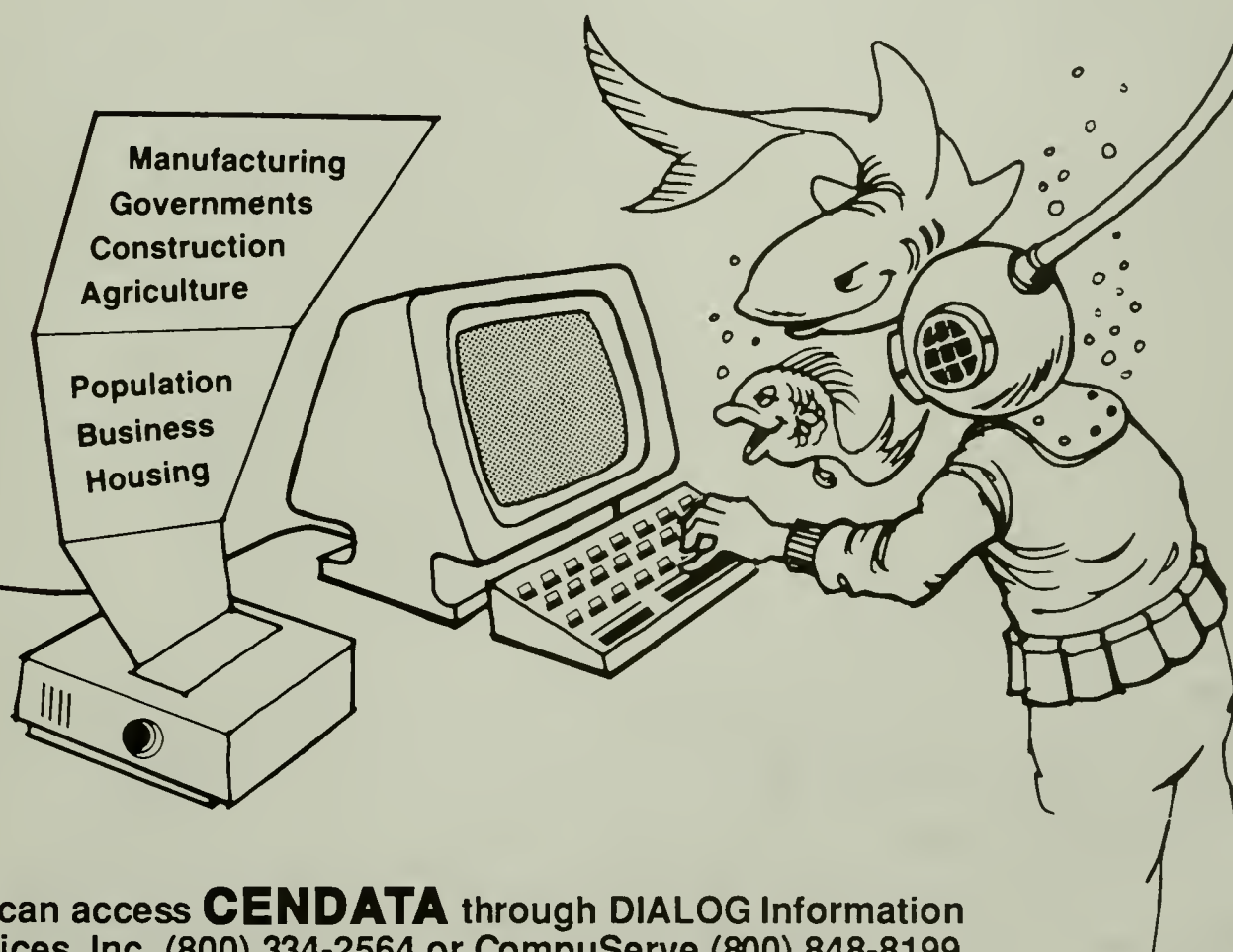
<sup>2</sup>Source: Harmonized Tariff Schedule of the United States, Annotated (1990).

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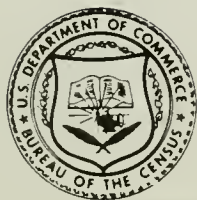
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FEB 21 1991

# Fats and Oils— Oilseed Crushings

DECEMBER 1990

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M20J(90)-12  
Issued February 1991

The statistics in this publication are based on a survey of all known crushers of oilseeds and represent total U.S. production of oilseed extraction. Estimates are included for companies whose reports were not received in time for tabulation. A description of the survey methodology and related information may be found in the January

1990 report for this series, M20J(90)-1, issued March 1990.

This report will no longer be available on a monthly basis. Beginning with the 1991 series, only quarterly data will be available.

This report is available electronically in CENDATA, the Bureau's online information service, through a commercial vendor. The electronic version of this report will be available approximately one week earlier than the printed report. The CENDATA report for the first quarter 1991 be released on or about May 7, 1991. For further information, contact Customer Services, DUSD, Bureau of the Census, Washington, D.C. 20233, or call (301) 763-4100.

Table 1A. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION, SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)

Month and year	Soybean	Cottonseed	Corn
1990			
December.....	1,029.9	79.1	133.2
November.....	1,049.3	86.2	146.2
October.....	1,140.2	88.2	132.1
September.....	1,204.3	110.6	134.5
August.....	1,216.1	96.1	133.9
July.....	1,119.7	76.9	137.8
June.....	1,137.0	94.5	132.5
May.....	1,054.3	80.4	109.5
April.....	1,056.2	83.9	128.8
March.....	1,067.7	72.4	124.0
February.....	1,059.9	80.7	114.7
January.....	1,076.5	83.6	118.0
1989			
December.....	1,045.2	87.7	119.2
November.....	1,028.5	89.2	98.6
October.....	994.6	100.4	119.0
September.....	986.0	100.4	109.2
August.....	982.1	136.7	95.3
July.....	893.1	142.9	116.4
June.....	931.6	135.0	117.8
May.....	990.3	126.1	117.0
April.....	1,023.4	108.3	123.7
March.....	987.9	101.6	126.5
February.....	990.9	81.0	119.6
January.....	1,003.4	86.5	134.5
1988			
December.....	978.3	90.8	135.0
November.....	988.0	97.1	108.1

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Cynthia DiPardo, (301) 763-4476.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

Table 1B. SELECTED ITEMS OF CRUDE VEGETABLE OIL PRODUCTION,  
NOT SEASONALLY ADJUSTED: 1988 TO 1990

(Millions of pounds)			
Month and year	Soybean	Cottonseed	Corn
1990			
December.....	1,138.0	102.3	129.3
November.....	1,167.9	108.8	129.4
October.....	1,188.1	86.2	142.0
September.....	1,038.1	57.6	132.2
August.....	1,059.2	58.7	134.7
July.....	1,038.0	48.0	140.1
June.....	1,035.8	75.4	131.4
May.....	1,050.1	74.7	109.6
April.....	1,066.8	88.8	129.7
March.....	1,142.4	89.4	122.6
February.....	1,021.7	98.2	113.7
January.....	1,187.4	118.4	118.5
1989			
December.....	1,161.2	117.4	119.1
November.....	1,145.7	115.3	97.6
October.....	1,057.3	97.6	121.0
September.....	843.0	56.8	108.5
August.....	855.0	81.9	98.7
July.....	835.9	76.6	118.6
June.....	856.1	94.5	119.9
May.....	977.4	109.7	125.1
April.....	1,004.0	111.7	122.0
March.....	1,041.2	127.1	128.9
February.....	952.3	106.0	108.6
January.....	1,105.8	129.3	125.5
1988			
December.....	1,110.4	125.0	127.8
November.....	1,108.5	125.3	107.5

Table 2. NET RECEIPTS, CRUSHINGS, AND STOCKS OF RAW MATERIALS AT OIL MILLS

(Short tons)						
Product code	Product description	December 1990			November 1990	
		Net receipts at mills	Crushed or used	Oil mill stocks, end of month	Crushed or used	Oil mill stocks, end of month
00116 11	Soybeans.....	2,356,203	3,080,854	3,195,100	3,179,658	3,919,751
00131 01	Cottonseed <sup>1</sup> .....	337,667	320,791	2,476,659	339,423	2,459,783
00119 11	Flaxseed.....	(D)	(D)	(D)	(D)	(D)
00139 23	Peanuts.....	21,244	19,041	10,626	15,210	8,423
00119 22	Sunflower seeds.....	(D)	78,615	(D)	95,010	159,957
00119 33	Safflower seeds.....	(D)	4,412	(D)	(D)	38,872
00119 18	Rapeseed.....	(D)	(D)	(D)	(D)	(D)
00000 00	Other major oil bearing materials <sup>2</sup> .....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Actual cottonseed received at the mill location: December 1990, 607,097; November 1990, 1,027,109.

<sup>2</sup>Other major oils consist of tung and castor (no. 1 and no. 2).

Table 3. PRODUCTION, SHIPMENTS AND TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS AT CRUDE OIL MILL LOCATIONS

Product code	Product description	Unit of measure	December 1990		November 1990		
			Production	Stocks, end of month	Production	Stocks, end of month	Shipments and transfers
	Soybean:						
20751 11	Crude oil.....	Thous. lbs.	1,137,995	661,601	1,167,945	571,049	1,047,443
20752 11	Cake and meal.....	S. tons....	2,310,746	419,333	2,391,943	286,704	2,178,117
20752 13	For animal feed.....	..do.....	2,281,517	(X)	2,362,287	(X)	(X)
20752 15	For edible protein products.....	..do.....	29,229	(X)	29,656	(X)	(X)
20752 61	Millfeed (hull meal).....	..do.....	120,788	36,477	121,223	26,871	111,182
20751 42	Lectthin.....	..do.....	4,872	(X)	5,335	(X)	(X)
	Cottonseed:						
20741 11	Crude oil.....	Thous. lbs.	102,274	20,429	108,794	16,950	98,795
20744 11	Cake and meal.....	S. tons....	148,760	124,614	160,075	106,028	130,174
20744 51	Hulls.....	..do.....	78,390	44,010	84,554	35,995	70,375
	Linters: <sup>1</sup>						
	Gross weight.....	Thous. lbs.	51,590	20,868	54,940	18,981	49,703
	Equivalent running bales.....	Number....	81,764	33,179	87,075	30,184	78,769
20743 13	First cut:						
	Gross weight.....	Thous. lbs.	11,280	8,867	12,387	7,617	10,030
	Equivalent running bales.....	Number....	18,019	14,165	19,788	12,168	16,022
20743 15	Second cut:						
	Gross weight.....	Thous. lbs.	34,913	9,193	36,994	8,332	34,057
	Equivalent running bales.....	Number....	55,076	14,500	58,350	13,142	53,718
20743 17	Mill run:						
	Gross weight.....	Thous. lbs.	5,392	2,808	5,559	3,032	5,616
	Equivalent running bales.....	Number....	8,669	4,514	8,937	4,875	9,029
	Linseed:						
20761 11	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 11	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Peanut:						
20762 52	Crude oil.....	Thous. lbs.	15,889	5,693	12,468	7,326	17,522
20763 51	Cake and meal.....	S. tons....	11,231	4,041	8,790	4,091	11,281
	Sunflower:						
20762 35	Crude oil.....	Thous. lbs.	65,083	77,709	76,973	32,389	19,763
20763 64	Cake and meal.....	S. tons....	39,719	8,110	46,921	6,512	38,121
	Corn:						
20460 61	Crude oil.....	Thous. lbs.	129,348	25,658	129,384	30,801	134,491
	Safflower:						
20762 99	Crude oil.....	Thous. lbs.	3,393	21,340	(D)	(D)	(D)
20763 99	Cake and meal.....	S. tons....	2,608	(D)	(D)	(D)	(D)
	Rapeseed:						
20762 71	Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)	(D)
20763 71	Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)	(D)
	Other:						
20762 99	Crude oil.....	Thous. lbs.	-	-	-	-	-
20763 99	Cake and meal.....	S. tons....	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. <sup>†</sup>Revised by 5 percent or more from previously published figures. (X) Not applicable.

<sup>1</sup>Data reported in gross weight and converted to running bales using the following factors: 1st cut ÷ 626 lbs.; 2nd cut ÷ 634 lbs.; and mill run ÷ 622 lbs.

Table 4. TOTAL SOYBEAN OIL FACTORY AND WAREHOUSE STOCKS

(Thousands of pounds)			
Product code	Product description	December 1990	November 1990
<b>Soybean oil:</b>			
	Stocks, end of month.....	1,473,038	1,320,902
20751 11	Crude.....	1,233,504	1,107,256
20751 21	Refined.....	239,534	213,646

Table 5. CRUSHINGS AND STOCKS OF COTTONSEED AT OIL MILLS, BY STATE

State	(Short tons)			
	December 1990		November 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	320,791	2,476,659	339,423	2,459,783
Arkansas.....	35,193	350,218	40,795	397,485
Pacific and Mountain States.....	(D)	510,225	(D)	573,827
Mississippi.....	44,934	329,159	49,679	372,215
Texas.....	122,626	860,545	128,789	689,995
All other States.....	69,944	426,512	60,130	426,261

Note: Detail may not add to totals due to independent rounding.

Table 6. PRODUCTION AND STOCKS OF COTTONSEED PRODUCTS FOR SELECTED STATES

State and product description	Unit of measure	December 1990		November 1990	
		Production	Stocks	Production	Stocks
Arkansas:					
Crude oil.....	Thous. lbs.	11,005	1,307	12,608	1,462
Cake and meal.....	S. tons....	16,414	6,661	18,877	6,179
Hulls.....	..do.....	7,984	2,331	9,631	1,432
Linters.....	bales <sup>1</sup> ....	11,142	2,835	12,570	2,009
California:					
Crude oil.....	Thous. lbs.	(D)	(D)	(D)	(D)
Cake and meal.....	S. tons....	(D)	(D)	(D)	(D)
Hulls.....	..do.....	(D)	(D)	(D)	(D)
Linters.....	bales <sup>1</sup> ....	(D)	(D)	(D)	(D)
Mississippi:					
Crude oil.....	Thous. lbs.	13,434	2,600	15,140	3,429
Cake and meal.....	S. tons....	20,351	(D)	23,257	3,093
Hulls.....	..do.....	10,871	1,821	11,644	1,350
Linters.....	bales <sup>1</sup> ....	11,717	4,320	13,612	3,873
Texas:					
Crude oil.....	Thous. lbs.	39,867	5,672	41,981	(D)
Cake and meal.....	S. tons....	56,736	49,330	59,593	46,598
Hulls.....	..do.....	30,218	9,669	34,810	9,007
Linters.....	bales <sup>1</sup> ....	29,792	11,145	29,790	11,328

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Data reported in gross weight and converted to running bales using the following factors:  
1st cut ÷ 626 lbs., 2nd cut ÷ 634 lbs., and mill run ÷ 622 lbs.



Table 7. CRUSHINGS AND STOCKS OF SOYBEANS AT OIL MILLS, BY STATE

State	(Short tons)			
	December 1990		November 1990	
	Crushed or used	Stocks at mills, end of month	Crushed or used	Stocks at mills, end of month
United States.....	3,080,854	3,195,100	3,179,658	3,919,751
Arkansas.....	114,036	(D)	112,580	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	567,302	478,265	592,767	671,224
Indiana.....	198,984	(D)	217,021	(D)
Iowa.....	560,188	227,330	569,239	339,770
Kansas.....	143,444	116,963	144,441	150,167
Minnesota.....	230,684	57,329	227,405	(D)
Missouri.....	164,473	163,559	180,325	220,498
Ohio.....	200,247	(D)	205,169	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	739,156	1,291,212	768,236	1,369,377

(D) Data withheld to avoid disclosing figures for individual companies.  
or more from previously published figures.

<sup>1</sup>Revised by 5 percent

Table 8. PRODUCTION AND STOCKS OF SOYBEAN PRODUCTS AT OIL MILL LOCATIONS, BY STATES

(Crude oil in thousand pounds; cake and meal in short tons)

State	December 1990		November 1990	
	Crude oil	Cake and meal total <sup>1</sup>	Crude oil	Cake and meal total <sup>1</sup>
Production:				
United States.....	1,137,995	2,436,406	1,167,945	2,518,501
Arkansas.....	41,317	90,707	41,203	89,625
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	212,161	442,883	219,638	464,847
Indiana.....	72,071	154,364	77,743	170,268
Iowa.....	214,929	440,667	218,465	447,702
Kansas.....	52,903	115,312	53,640	116,028
Minnesota.....	87,055	183,726	86,497	181,558
Missouri.....	62,896	130,672	61,905	143,838
Ohio.....	69,229	159,980	71,004	164,271
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	267,182	590,073	279,486	612,145
Stocks at oil mill locations, end of month:				
United States.....	661,601	455,810	571,049	313,575
Arkansas.....	19,929	(D)	24,218	(D)
Georgia.....	(D)	(D)	(D)	(D)
Illinois.....	92,938	171,373	88,357	108,529
Indiana.....	143,152	(D)	133,461	(D)
Iowa.....	90,939	26,417	(D)	14,943
Kansas.....	(D)	7,618	(D)	6,729
Minnesota.....	57,913	(D)	47,789	(D)
Missouri.....	43,820	(D)	(D)	(D)
Ohio.....	(D)	(D)	(D)	(D)
South Carolina.....	(D)	(D)	(D)	(D)
All other States.....	147,811	99,786	116,463	74,077

(D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Includes millfeed and lecithin.

Table 9. PRODUCTION, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF SELECTED OILS: NOVEMBER 1990

(Quantity in millions of pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise <sup>1</sup>	Percent exports to manufacturers' production	Imports for consumption <sup>2</sup>	Apparent consumption <sup>3</sup>
20751 11	Soybean - crude oil.....	1,167.9	35.5	3.0	-	1,132.4
20741 11	Cottonseed - crude oil..	108.8	2.7	2.5	-	106.1

Note: For comparison of Standard Industrial Classification codes, Schedule B export numbers, and HTSUSA import numbers, see table 10.

- Represents zero.

<sup>1</sup>Source: Bureau of the Census Report EM 545, U.S. Exports.

<sup>2</sup>Source: Bureau of the Census Report IM 145, U.S. Imports for Consumption.

<sup>3</sup>Apparent consumption is equal to domestic production, plus imports, minus exports.

Table 10. COMPARISON OF STANDARD INDUSTRIAL CLASSIFICATION-BASED PRODUCT CODES WITH SCHEDULE B EXPORT NUMBERS, AND HTSUSA IMPORT NUMBERS: 1989

Product code	Product description	Export number <sup>1</sup>	Import number <sup>2</sup>
20751 11	Soybean - crude oil.....	1507.10.0000	1507.10.0000
20754 11	Cottonseed - crude oil.....	1512.21.0000	1512.21.0000

<sup>1</sup>Source: 1990 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

<sup>2</sup>Source: Harmonized Tariff Schedule of the United States, Annotated (1990).

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# Fats and Oils Oilseed Crashings

Crop Year 1989/1990

U.S. Department of Commerce  
BUREAU OF THE CENSUS

M20J(89)-13  
Issued March 1991

## SUMMARY OF FINDINGS

For the 1989/1990 crop year, soybean crashings increased 10.7 percent, while cottonseed crashings decreased 21.0 percent.

At the same time, production of crude soybean oil increased by 10.8 percent and crude cottonseed oil decreased by 22.3 percent.

A description of the survey methodology and related information appears on page 10.

Table 1. RECEIPTS, CRUSHINGS, AND STOCKS OF MAJOR RAW MATERIALS AT OIL MILLS: OCTOBER 1989 TO SEPTEMBER 1990

(Thousands of short tons)

Product code	Product description	1989/ 1990 total	1989			1990								
			Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.
00116 11	Soybeans:													
	Receipts at mills.....	35,233.0	4,996.9	3,488.6	2,599.2	3,333.3	2,685.1	2,826.7	2,541.4	2,637.7	2,496.7	2,416.3	2,726.2	2,484.9
	Crushed or used.....	34,931.4	2,843.2	3,122.3	3,161.0	3,217.0	2,752.8	3,064.2	2,854.3	2,801.9	2,759.8	2,766.0	2,826.9	2,762.0
	Stocks, end of month or year.....	1,035.7	2,887.8	3,254.1	2,692.3	2,808.6	2,740.9	2,503.4	2,190.5	2,026.3	1,763.2	1,413.5	1,312.8	1,035.7
00131 01	Cottonseed:													
	Receipts at mills.....	3,042.1	1,025.2	1,184.9	344.8	159.1	-3.8	-48.8	29.8	-88.3	-76.2	-18.5	99.1	434.8
	Crushed or used.....	2,926.5	275.4	335.9	332.4	344.7	280.3	254.6	245.5	201.5	191.9	130.9	157.3	176.1
	Stocks, end of month or year.....	566.9	1,201.1	2,050.1	2,062.5	1,876.9	1,592.8	1,289.4	1,073.7	783.9	515.8	366.4	308.2	566.9
00139 23	Peanuts:													
	Receipts at mills.....	207.3	9.6	15.6	11.0	20.1	19.5	18.2	31.2	32.7	22.5	15.2	6.0	5.7
	Crushed or used.....	202.4	9.6	14.1	12.6	13.7	19.7	17.6	27.2	29.8	28.2	16.9	10.5	2.5
	Stocks, end of month or year.....	8.5	3.6	5.1	3.5	9.9	9.7	10.3	14.3	17.2	11.5	9.8	5.3	8.5
00119 11	Linseed:													
	Receipts at mills.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Crushed or used.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
00119 22	Sunflower seeds:													
	Receipts at mills.....	585.2	144.9	93.7	(D)	66.0	6.7	(D)	(D)	(D)	(D)	18.6	2.6	(D)
	Crushed or used.....	584.2	56.6	78.0	78.4	65.3	78.5	(D)	62.6	33.0	41.1	30.2	8.2	(D)
	Stocks, end of month or year.....	3.8	91.1	106.8	(D)	(D)	(D)	(D)	29.7	(D)	22.3	10.7	5.1	3.8
00119 33	Safflower seeds:													
	Receipts at mills.....	76.4	(D)	(D)	(D)	(D)	1.5	-	4.8	(D)	-0.9	(D)	(D)	(D)
	Crushed or used.....	87.1	(D)	5.7	6.2	(D)	9.4	(D)	(D)	(D)	8.9	(D)	(D)	(D)
	Stocks, end of month or year.....	(D)	66.5	(D)	57.5	49.0	41.1	(D)	32.4	18.5	8.7	11.5	(D)	(D)
00119 18	Rapeseed:													
	Receipts at mills.....	(D)	(NA)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Crushed or used.....	(D)	(NA)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Stocks, end of month or year.....	(D)	(NA)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	Other:													
	Receipts at mills.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Crushed or used.....	-	-	-	-	-	-	-	-	-	-	-	-	-
	Stocks, end of month or year.....	-	-	-	-	-	-	-	-	-	-	-	-	-

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. (NA) Not available.



Table 2. PRODUCTION AND STOCKS OF MAJOR CRUDE VEGETABLE OILS AT OIL MILLS: OCTOBER 1989 TO SEPTEMBER 1990  
(Millions of pounds)

Product code	Product description	1989/1990 total	1989				1990											
			October	November	December	January	February	March	April	May	June	July	August	September				
20751 11	Soybean: Production.....	13,003.5	1,057.3	1,145.7	1,161.2	1,187.4	1,021.7	1,142.4	1,066.6	1,050.1	1,035.8	1,038.0	1,059.2	1,038.1				
	Stocks, end of month or year.....	579.0	695.6	666.6	726.0	775.0	753.3	684.0	687.1	632.1	563.1	529.9	547.5	579.0				
20741 11	Cottonseed: Production.....	964.9	90.7	110.8	110.4	111.9	92.6	83.9	83.3	68.8	66.1	40.6	48.2	57.6				
	Stocks, end of month or year.....	15.8	24.2	27.3	30.9	27.8	29.9	24.5	22.3	23.0	19.1	12.2	9.3	15.8				
20762 52	Peanut: Production.....	165.7	7.4	11.6	9.8	11.1	15.8	14.2	22.2	24.9	24.1	14.0	8.5	2.1				
	Stocks, end of month or year.....	5.1	5.2	4.4	5.4	3.5	9.5	3.9	7.2	10.5	11.5	12.4	7.3	5.1				
20460 61	Corn: Production.....	1,565.6	130.2	106.1	128.6	127.7	122.0	131.4	135.6	115.5	140.7	150.4	145.2	132.2				
	Stocks, end of month or year.....	34.8	12.6	16.5	22.5	20.5	21.7	16.1	21.8	20.3	25.0	28.8	29.9	34.8				
20761 11	Linseed: Production.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)				
	Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)				
20762 35	Sunflower seeds: Production.....	(D)	45.2	62.4	65.9	51.5	66.0	37.9	51.5	27.2	33.9	25.0	6.6	(D)				
	Stocks, end of month or year.....	(D)	17.8	34.3	(D)	(D)	46.2	57.5	(D)	(D)	25.8	(D)	(D)	(D)				
20762 99	Safflower seeds: Production.....	65.8	(D)	4.3	4.8	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)				
	Stocks, end of month or year.....	(D)	40.5	40.8	42.2	40.4	42.5	(D)	(D)	(D)	(D)	(D)	28.0	(D)				
20762 71	Rapeseed: Production.....	(D)	(NA)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)				
	Stocks, end of month or year.....	(D)	(NA)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)				

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies. (NA) Not available.

Table 3. PRODUCTION, SHIPMENTS, TRANSFERS, AND STOCKS OF PRIMARY PRODUCTS EXCEPT CRUDE OIL AT CRUDE MILLS: OCTOBER 1989 TO SEPTEMBER 1990

Product code	Product description	Unit of measure	1989/1990 total	1989			1990											
				October	November	December	January	February	March	April	May	June	July	August	September			
20732 11	Soybean:																	
	Production.....	1,000 short tons..	26,337.8	2,133.3	2,374.7	2,408.0	2,437.3	2,093.4	2,324.7	2,154.2	2,107.3	2,061.3	2,072.5	2,110.8	2,060.3			
	Shipments and transfers.....	..do.....	26,210.4	2,091.3	2,398.6	2,280.2	2,459.5	2,083.3	2,281.4	2,158.0	2,166.2	2,062.9	2,076.0	2,132.7	1,980.3			
20751 42	Stocks, end of month or year.....	..do.....	274.2	188.8	164.9	292.7	230.5	240.6	293.9	280.1	219.6	219.6	216.1	194.2	274.2			
	Production.....	..do.....	57.1	4.9	4.7	4.6	4.7	4.6	5.1	4.7	4.6	4.5	5.1	5.0	4.6			
	Mill feed: (bushel meal):.....	..do.....	1,381.1	112.9	117.8	111.6	111.4	93.8	107.6	109.5	117.0	122.2	126.1	126.3	126.9			
20752 61	Production.....	..do.....	1,363.1	107.3	120.1	105.6	123.3	95.9	101.1	109.9	113.2	110.6	114.1	140.1	120.6			
	Shipments and transfers.....	..do.....	44.1	31.7	29.4	35.4	23.5	21.4	27.9	27.5	31.3	42.9	51.9	37.8	44.1			
	Stocks, end of month or year.....	..do.....																
20744 11	Cottonseed:																	
	Production.....	1,000 short tons..	1,329.8	126.1	154.9	152.6	157.1	130.6	116.6	111.9	90.7	86.6	56.6	68.7	72.4			
	Shipments and transfers.....	..do.....	1,363.0	157.6	142.5	153.7	156.3	116.6	123.1	95.4	82.5	84.9	85.6	82.1	72.5			
20744 51	Stocks, end of month or year.....	..do.....	47.7	49.4	61.8	60.7	61.5	75.5	69.0	85.5	93.7	85.4	56.4	42.8	47.7			
	Production.....	..do.....	751.0	67.3	84.9	86.3	91.3	71.8	65.0	62.3	51.9	49.1	33.5	41.3	46.3			
	Shipments and transfers.....	..do.....	756.3	69.2	73.2	71.4	83.4	70.9	81.0	50.4	62.8	57.8	43.3	44.6	47.7			
20743 13	Stocks, end of month or year.....	..do.....	19.1	22.5	34.2	49.1	57.0	57.9	41.9	53.8	42.9	34.2	23.8	20.3	19.1			
	First cut:																	
	Production.....	Millions of lbs...	96.9	8.9	10.7	9.9	9.9	8.5	9.5	8.9	7.1	6.2	4.4	4.9	6.6			
20743 15	Shipments and transfers.....	..do.....	99.4	8.6	8.3	8.2	10.7	10.0	9.5	8.5	6.6	7.6	5.1	7.1	6.2			
	Stocks, end of month or year.....	..do.....	2.7	6.5	8.9	10.6	9.8	8.3	8.7	9.1	9.1	5.2	4.5	2.3	2.7			
	Production.....	1,000 bales.....	158.8	13.8	17.1	13.8	13.8	13.6	13.6	14.2	13.3	12.1	8.1	11.3	10.5			
20743 17	Shipments and transfers.....	..do.....	158.9	13.8	17.1	13.1	13.7	16.0	13.2	13.6	13.3	12.1	8.1	11.3	9.9			
	Stocks, end of month or year.....	..do.....	4.3	10.4	14.2	16.9	13.7	13.3	13.9	14.5	8.3	8.3	7.2	3.7	4.3			
	Second cut:																	
20743 17	Production.....	Millions of lbs...	305.4	29.6	36.4	33.3	34.3	27.1	28.5	24.5	19.8	21.2	14.4	17.5	18.8			
	Shipments and transfers.....	..do.....	304.2	26.9	34.9	32.3	38.8	27.9	26.8	24.5	20.1	22.4	14.7	20.9	14.0			
	Stocks, end of month or year.....	..do.....	8.8	11.8	12.8	12.8	8.3	7.5	9.2	9.2	6.9	7.7	7.4	4.0	8.8			
20763 51	Production.....	1,000 bales.....	481.7	46.7	57.4	52.5	54.1	42.7	45.0	38.6	31.2	33.4	22.7	27.6	29.7			
	Shipments and transfers.....	..do.....	479.7	42.3	51.0	50.9	61.2	44.0	42.3	38.6	31.7	35.3	23.2	33.0	22.1			
	Stocks, end of month or year.....	..do.....	13.9	16.2	18.6	20.2	13.1	11.8	14.5	14.5	14.0	12.1	11.7	6.3	13.9			
20763 51	Mill run:																	
	Production.....	Millions of lbs...	60.0	6.1	6.8	6.2	6.2	7.0	4.6	3.9	4.3	4.6	4.1	2.6	3.8			
	Shipments and transfers.....	..do.....	61.4	4.8	8.0	5.2	7.1	6.8	4.6	4.0	4.6	5.0	4.2	3.9	3.2			
20763 11	Stocks, end of month or year.....	..do.....	1.3	4.0	2.8	3.8	2.9	3.1	3.1	3.0	2.7	2.1	2.0	0.7	1.3			
	Production.....	1,000 bales.....	96.5	9.8	10.9	10.0	10.0	11.3	7.4	6.3	6.9	7.1	6.6	4.2	6.1			
	Shipments and transfers.....	..do.....	98.7	7.7	12.9	8.4	11.4	10.9	7.4	6.4	7.4	8.0	6.8	6.3	5.1			
20763 64	Stocks, end of month or year.....	..do.....	2.1	6.4	4.5	6.1	4.7	5.0	5.0	4.8	4.3	3.4	3.2	1.1	2.1			
	Peanut cake and meal:																	
	Production.....	1,000 short tons..	111.3	5.3	7.2	7.3	7.5	11.0	9.8	15.2	15.9	15.4	9.7	5.6	1.4			
20763 11	Shipments and transfers.....	..do.....	112.7	6.7	7.8	8.0	5.8	9.0	10.9	13.6	13.5	12.7	14.2	7.6	2.9			
	Stocks, end of month or year.....	..do.....	3.3	3.3	2.7	2.0	3.7	5.7	4.6	6.2	8.6	11.3	6.8	4.8	3.3			
	Linseed cake and meal:																	
20763 11	Production.....	..do.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)			
	Shipments and transfers.....	..do.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)			
	Stocks, end of month or year.....	..do.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)			
20763 64	Sunflower cake and meal:																	
	Production.....	..do.....	292.6	30.0	39.1	39.7	32.2	(D)	22.6	30.4	17.4	20.5	15.1	4.5	(D)			
	Shipments and transfers.....	..do.....	295.2	29.5	39.8	37.0	(D)	33.6	(D)	(D)	21.2	(D)	(D)	9.5	6.1			
20763 99	Stocks, end of month or year.....	..do.....	(D)	3.9	3.2	(D)	1.2	(D)	2.4	(D)	(D)	7.1	(D)	(D)	(D)			
	Safflower cake and meal:																	
	Production.....	..do.....	51.8	(D)	3.3	3.6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)			
20763 71	Shipments and transfers.....	..do.....	61.5	7.1	(D)	5.0	(D)	(D)	4.6	3.0	6.8	4.6	5.1	8.8	1.7			
	Stocks, end of month or year.....	..do.....	(D)	(D)	7.0	5.6	4.0	5.2	(D)	(D)	5.8	(D)	(D)	(D)	(D)			
	Rapeseed cake and meal:																	
20763 71	Production.....	..do.....	(D)	(NA)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)			
	Shipments and transfers.....	..do.....	(D)	(NA)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)			
	Stocks, end of month or year.....	..do.....	(D)	(NA)	(NA)	(NA)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)			

Note: Detail may not add to total due to independent rounding.

(D) Data withheld to avoid disclosing figures for individual companies. (NA) Not available.

<sup>1</sup> Linter bales vary in weight depending on kind of cut: First cut, 626 lbs.; second cut, 634 lbs.; and mill run, 622 lbs.

Table 4. CRUSHINGS AND STOCKS OF COTTONSEED (00131 11) AT OIL MILLS, 8Y SELECTED STATES: OCTOBER 1989 TO SEPTEMBER 1990  
(Thousands of short tons)

State	1989/ 1990 total	1990											
		October	November	December	January	February	March	April	May	June	July	August	September
United States:													
Receipts at mills.....	3,042.1	1,025.2	1,184.9	344.8	159.1	-3.8	-48.8	29.8	-88.3	-76.2	-18.5	99.1	434.8
Crushed or used.....	2,926.5	275.4	335.9	332.4	344.7	280.3	254.6	245.6	201.5	191.9	130.9	157.3	176.1
Stocks, end of month or year.....	566.9	1,201.1	2,050.1	2,062.5	1,876.9	1,592.8	1,289.4	1,073.7	783.9	515.8	366.4	308.2	566.9
Arkansas:													
Crushed or used.....	309.0	(D)	27.6	26.9	29.9	28.6	27.3	33.8	38.1	(D)	(D)	-	(D)
Stocks, end of month or year.....	67.1	169.6	255.8	238.2	202.0	179.3	150.1	143.3	75.2	(D)	(D)	(D)	67.1
Pacific and Mountain States:													
Crushed or used.....	465.4	(D)	68.4	64.6	66.5	46.8	54.9	53.3	28.5	(D)	(D)	(D)	(D)
Stocks, end of month or year.....	11.9	255.7	502.8	483.0	517.6	455.9	369.7	285.6	212.5	142.8	93.3	24.5	11.9
Mississippi:													
Crushed or used.....	(D)	46.4	50.5	40.0	47.7	43.3	30.5	31.2	42.0	43.4	42.3	(D)	36.8
Stocks, end of month or year.....	137.8	237.4	345.9	324.8	287.6	238.2	205.7	162.1	119.5	71.3	(D)	(D)	137.8
Texas:													
Crushed or used.....	(D)	114.2	123.7	146.4	141.5	118.6	97.7	100.8	72.3	71.8	(D)	85.3	85.5
Stocks, end of month or year.....	273.6	382.9	698.4	773.4	666.2	552.0	426.0	328.1	246.2	178.3	193.3	271.0	273.6

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

Table 5. PRODUCTION AND STOCKS AT OIL MILLS, 8Y SELECTED STATES: OCTOBER 1989 TO SEPTEMBER 1990  
(Millions of pounds)

State	1989/ 1990 total	1990											
		October	November	December	January	February	March	April	May	June	July	August	September
COTTONSEED CRUDE OIL (20741 00)													
United States:													
Production.....	964.9	90.7	110.8	110.4	111.9	92.6	83.9	83.3	68.8	66.1	40.6	48.2	57.6
Stocks, end of month or year.....	15.8	24.2	27.3	30.9	27.8	29.9	24.5	22.3	23.0	19.1	12.2	9.3	15.8
Arkansas:													
Production.....	101.3	(D)	9.0	8.8	10.0	9.4	9.0	11.0	12.7	(D)	(D)	-	(D)
Stocks, end of month or year.....	(D)	(D)	1.6	(D)	0.7	1.8	1.8	2.3	3.1	2.6	(D)	(D)	(D)
California:													
Production.....	91.4	(D)	14.3	15.0	12.3	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....	(D)	(D)	4.0	(D)	(D)	(D)	4.5	3.1	(D)	(D)	(D)	(D)	(D)
Mississippi:													
Production.....	(D)	14.6	15.7	12.4	15.1	13.6	9.6	10.0	12.8	13.4	13.2	(D)	10.8
Stocks, end of month or year.....	(D)	(D)	5.1	4.4	5.2	(D)	(D)	4.4	(D)	(D)	4.2	(D)	(D)
Texas:													
Production.....	(D)	39.5	40.7	48.9	45.6	38.8	32.7	35.0	25.6	24.5	(D)	27.0	30.7
Stocks, end of month or year.....	4.0	5.4	5.7	7.4	5.3	5.5	5.5	3.1	4.0	4.4	(D)	2.7	4.0

See footnotes at end of table.

Table 5. PRODUCTION AND STOCKS AT OIL MILLS, BY SELECTED STATES: OCTOBER 1989 TO SEPTEMBER 1990--Continued

State	1989/ 1990 total	1989			1990								
		October	November	December	January	February	March	April	May	June	July	August	September
		COTTONSEED CAKE AND MEAL (20744 14)											
United States:	1,329.8	126.1	154.9	152.6	157.1	130.6	116.6	111.9	90.7	86.6	56.6	68.7	77.4
Production.....	47.7	49.4	61.8	60.7	61.5	75.5	69.0	85.5	93.7	85.4	56.4	42.8	47.7
Stocks, end of month or year.....													
Arkansas:	139.3	(D)	12.2	11.8	13.1	13.0	12.2	15.2	17.4	(D)	(D)	-	(D)
Production.....	(D)	1.3	1.1	2.4	2.5	2.8	2.4	6.1	9.2	12.5	5.8	(D)	(D)
Stocks, end of month or year.....													
California:	127.7	(D)	19.9	19.8	18.6	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Production.....	(D)	17.6	20.6	20.1	(D)	17.3	(D)	(D)	11.2	7.8	3.5	(D)	(D)
Stocks, end of month or year.....													
Mississippi:	(D)	19.7	21.3	17.3	20.5	18.4	13.2	13.0	17.4	18.5	18.1	(D)	16.1
Production.....	(D)	(D)	2.5	(D)	(D)	4.2	2.8	2.4	(D)	4.3	2.9	(D)	(D)
Stocks, end of month or year.....													
Texas:	(D)	51.1	55.6	65.9	63.8	54.3	43.7	45.6	32.0	31.2	(D)	37.1	36.0
Production.....	30.8	17.7	22.4	21.7	19.9	26.6	25.6	38.1	40.2	38.0	24.5	32.3	30.8
Stocks, end of month or year.....													
COTTONSEED HULLS (20744 51)													
United States:	751.0	67.3	84.9	86.3	91.3	71.8	65.0	62.3	51.9	49.1	33.5	41.3	46.3
Production.....	19.1	22.5	34.2	49.1	57.0	57.9	41.9	53.8	42.9	34.2	23.8	20.5	19.1
Stocks, end of month or year.....													
Arkansas:	75.5	(D)	6.9	6.8	7.6	7.0	6.3	8.5	9.5	(D)	(D)	-	(D)
Production.....	(D)	0.9	1.3	1.3	1.6	3.2	3.5	7.1	7.5	6.0	(D)	(D)	(D)
Stocks, end of month or year.....													
California:	58.0	(D)	8.8	9.2	8.7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Production.....	(D)	8.3	11.6	12.2	13.5	11.0	6.8	9.7	8.3	6.1	4.0	3.6	(D)
Stocks, end of month or year.....													
Mississippi:	(D)	10.7	12.4	10.1	12.1	9.3	6.8	7.7	9.6	9.4	9.4	(D)	10.0
Production.....	1.5	(D)	1.4	1.3	1.9	(D)	2.3	2.1	2.5	(D)	3.7	(D)	1.5
Stocks, end of month or year.....													
Texas:	(D)	30.7	33.5	40.7	39.4	33.0	27.5	27.5	21.4	21.2	(D)	24.0	23.0
Production.....	6.4	4.1	7.3	18.2	21.4	23.2	12.1	19.9	14.3	12.8	4.2	6.9	6.4
Stocks, end of month or year.....													
COTTONSEED LINTERS FIRST CUT (20743 13), SECOND CUT (20743 15), AND MILL RUN (20743 17) <sup>1</sup>													
United States:	733.0	72.4	85.4	78.3	79.9	67.6	68.2	59.1	49.5	50.4	36.3	39.6	46.3
Production.....	20.3	33.3	37.5	43.2	33.4	30.1	33.3	34.0	28.9	23.9	22.2	11.0	20.3
Stocks, end of month or year.....													
Arkansas:	91.5	(D)	8.3	8.0	8.8	8.1	8.4	10.2	11.0	(D)	(D)	-	(D)
Production.....	(D)	1.7	1.4	1.9	1.4	2.1	2.3	2.5	2.5	2.8	2.4	(D)	(D)
Stocks, end of month or year.....													
California:	66.9	(D)	10.3	11.8	8.7	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Production.....	5.3	7.4	9.1	9.6	8.5	7.2	7.4	9.5	11.5	7.8	7.3	(D)	5.3
Stocks, end of month or year.....													
Mississippi:	(D)	13.5	14.0	12.3	13.0	12.3	9.5	9.4	12.6	12.6	12.3	(D)	9.7
Production.....	2.5	4.1	4.3	3.9	2.5	2.3	2.3	2.3	2.9	3.2	3.5	(D)	2.5
Stocks, end of month or year.....													
Texas:	(D)	28.7	32.5	31.7	35.2	28.5	25.1	23.2	17.3	17.1	(D)	19.9	22.0
Production.....	8.5	13.9	16.2	20.7	15.0	12.3	12.8	11.3	8.3	7.1	6.3	4.2	8.5
Stocks, end of month or year.....													

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup> Thousands of bales: Linter bales vary in weight according to kind of cut: First cut, 626 lbs.; second cut, 634 lbs.; and mill run, 622 lbs.



Table 6. NET RECEIPTS, CRUSHINGS, AND STOCKS OF SOYBEANS (0116 11) AT OIL MILLS, BY SELECTED STATES: OCTOBER 1989 TO SEPTEMBER 1990  
(Thousands of short tons)

State	1989/ 1990 total	1989			1990								
		October	November	December	January	February	March	April	May	June	July	August	September
United States:													
Receipts at mills.....	35,233.0	4,996.9	3,488.6	2,599.2	3,333.3	2,665.1	2,826.7	2,541.4	2,637.7	2,496.7	2,416.3	2,726.2	2,484.9
Crushed or used.....	34,931.4	2,843.2	3,122.3	3,161.0	3,217.3	2,752.8	3,064.2	2,854.3	2,801.9	2,759.8	2,766.0	2,826.9	2,762.0
Stocks, end of month or year.....	1,035.7	2,887.8	3,254.1	2,692.3	2,808.6	2,740.9	2,503.4	2,190.5	2,026.3	1,763.2	1,413.5	1,312.8	1,035.7
Arkansas:													
Receipts at mills.....	1,072.9	172.2	133.9	121.8	144.4	111.0	102.7	(D)	(D)	(D)	(D)	(D)	(D)
Crushed or used.....	1,043.2	(D)	116.6	125.2	110.9	104.0	111.0	107.4	(D)	(D)	(D)	-	(D)
Stocks, end of month or year.....	(D)	(D)	(D)	107.4	140.9	147.9	139.6	(D)	(D)	(D)	(D)	(D)	(D)
Georgia:													
Receipts at mills.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Crushed or used.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Illinois:													
Receipts at mills.....	6,605.5	1,063.5	395.1	442.6	656.1	461.3	518.4	500.7	549.7	493.1	432.6	539.6	552.8
Crushed or used.....	6,593.4	574.3	588.0	611.1	587.7	504.9	558.2	512.2	503.8	516.1	565.1	483.0	549.0
Stocks, end of month or year.....	(D)	682.4	489.5	321.0	389.4	345.8	306.0	294.5	300.4	277.4	144.9	201.5	(D)
Indiana:													
Receipts at mills.....	2,234.8	(D)	168.5	104.2	202.3	(D)	(D)	138.7	161.7	(D)	(D)	(D)	145.8
Crushed or used.....	2,260.4	182.2	200.6	211.6	205.9	168.4	181.8	173.5	197.2	182.7	193.9	191.5	171.1
Stocks, end of month or year.....	52.9	(D)	(D)	(D)	(D)	179.2	(D)	(D)	(D)	105.4	(D)	78.2	52.9
Iowa:													
Receipts at mills.....	6,160.1	726.6	448.5	422.4	631.1	506.4	458.2	450.0	476.1	506.6	(D)	(D)	480.1
Crushed or used.....	6,190.4	497.2	530.3	542.4	555.8	477.6	519.6	500.0	492.9	500.3	489.0	541.7	543.6
Stocks, end of month or year.....	(D)	413.7	331.9	211.9	287.2	316.0	254.6	204.6	187.8	194.1	(D)	(D)	(D)
Kansas:													
Receipts at mills.....	1,583.5	259.7	127.7	89.5	145.4	129.5	127.0	118.9	128.5	100.7	115.1	109.2	132.3
Crushed or used.....	1,572.5	136.8	141.1	136.9	146.6	121.7	118.6	134.5	142.3	134.7	136.3	103.6	119.4
Stocks, end of month or year.....	54.1	166.0	152.6	105.2	104.0	111.8	120.2	104.6	90.8	56.8	35.6	41.2	54.1
Minnesota:													
Receipts at mills.....	2,531.5	262.0	195.5	187.4	208.2	189.4	200.0	227.3	200.0	225.8	196.6	250.0	189.3
Crushed or used.....	2,527.2	214.2	204.8	215.2	215.1	187.4	224.4	204.8	206.2	218.3	188.4	235.9	212.5
Stocks, end of month or year.....	69.6	(D)	(D)	76.0	69.1	71.1	46.7	69.2	63.0	70.5	78.7	92.8	69.6
Missouri:													
Receipts at mills.....	1,932.2	369.0	193.8	100.2	157.3	129.7	153.5	143.6	142.8	124.1	136.0	158.4	123.8
Crushed or used.....	1,917.8	164.3	173.0	171.2	165.3	148.3	166.4	150.6	169.9	156.1	140.0	176.5	136.2
Stocks, end of month or year.....	49.6	239.9	260.7	189.7	181.7	163.1	150.2	143.2	116.1	84.1	80.1	62.0	49.6
Ohio:													
Receipts at mills.....	2,267.2	(D)	203.3	187.0	221.2	(D)	185.7	164.1	159.6	153.5	(D)	(D)	(D)
Crushed or used.....	2,252.5	196.7	200.6	201.7	204.8	170.6	195.2	183.0	167.9	189.1	194.9	197.8	170.2
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	43.3	133.8	114.9	126.6	91.0	(D)	66.8	(D)
South Carolina:													
Receipts at mills.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Crushed or used.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.



Table 7A. PRODUCTION AND STOCKS OF SOYBEAN CRUDE OIL (20751 11) AT OIL MILLS, BY SELECTED STATES: OCTOBER 1989 TO SEPTEMBER 1990

State	1989/ 1990 total	1989					1990				
		October	November	December	January	February	March	April	May	June	July
		(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
United States:	13,003.5	1,057.3	1,145.7	1,161.2	1,187.4	1,021.7	1,142.4	1,066.6	1,050.1	1,035.8	1,038.0
Production.....	579.0	695.6	666.6	726.0	775.0	753.3	684.0	687.1	632.1	563.1	530.0
Stocks, end of month or year.....											
Arkansas:	404.5	(D)	40.9	44.0	39.0	36.6	39.4	(D)	(D)	(D)	(D)
Production.....	22.1	11.3	5.2	8.4	4.4	12.1	12.6	19.8	11.0	(D)	(D)
Stocks, end of month or year.....											
Georgia:	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Production.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....											
Illinois:	2,505.6	215.0	220.2	230.3	220.3	192.0	211.4	196.3	208.5	198.2	217.0
Production.....	110.0	143.7	129.0	148.9	157.0	137.6	126.7	111.8	93.6	97.5	106.5
Stocks, end of month or year.....											
Indiana:	808.7	65.9	69.4	74.5	73.8	60.4	65.9	61.0	69.4	66.5	69.4
Production.....	112.0	329.7	312.7	308.1	308.2	292.1	268.0	249.3	231.7	181.4	157.2
Stocks, end of month or year.....											
Iowa:	2,403.3	190.8	204.0	207.8	216.4	185.2	203.6	196.1	192.8	196.3	189.4
Production.....	(D)	(D)	(D)	(D)	77.1	57.3	49.5	44.0	46.5	62.0	55.8
Stocks, end of month or year.....											
Kansas:	582.9	51.0	50.8	49.3	54.6	45.5	44.4	49.9	53.0	50.0	51.0
Production.....	51.1	(D)	(D)	(D)	12.2	(D)	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....											
Minnesota:	976.2	80.1	80.0	83.6	83.2	71.9	87.8	80.7	79.9	83.7	72.8
Production.....	46.3	25.6	31.7	32.5	44.3	40.7	39.7	47.1	45.2	51.8	37.5
Stocks, end of month or year.....											
Missouri:	711.3	60.9	62.2	62.6	61.4	55.6	62.1	56.3	63.6	58.2	52.4
Production.....	32.1	(D)	(D)	22.9	30.7	33.3	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....											
Ohio:	776.4	69.5	66.8	68.1	70.0	58.6	67.3	62.3	50.5	66.1	68.1
Production.....	(D)	(D)	6.2	4.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....											
South Carolina:	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Production.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stocks, end of month or year.....											

(D) Data withheld to avoid disclosing figures for individual companies.

Table 78. PRODUCTION AND STOCKS OF SOYBEAN CAKE AND MEAL (20752 11), INCLUDING MILLFEED (20752 61) AND LECITHIN (20751 51) AT OIL MILLS, BY SELECTED STATES: OCTOBER 1989 TO SEPTEMBER 1990  
(Thousands of short tons)

State	1989/ 1990 total	1989			1990								
		October	November	December	January	February	March	April	May	June	July	August	September
United States: Production..... Stocks, end of month or year.....	27,776.1 318.3	2,251.1 220.5	2,497.3 194.3	2,524.3 328.2	2,553.3 254.0	2,191.8 262.0	2,437.4 311.8	2,268.4 307.7	2,228.9 252.6	2,187.9 262.5	2,201.7 267.7	2,242.1 232.0	2,191.9 318.3
Arkansas: Production..... Stocks, end of month or year.....	917.2 (D)	(D) 6.0	93.8 6.0	100.5 12.0	89.1 7.1	83.3 7.9	88.9 (D)	(D) (D)	(D) 3.3	(D) 4.7	(D) 6.3	(D) 7.2	(D) (D)
Georgia: Production..... Stocks, end of month or year.....	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)
Illinois: Production..... Stocks, end of month or year.....	5,160.0 90.3	451.1 56.3	464.3 30.9	484.9 60.4	458.6 46.8	393.6 49.5	437.3 56.2	399.7 73.8	425.6 56.6	400.8 74.0	441.4 95.5	375.0 59.4	427.7 90.3
Indiana: Production..... Stocks, end of month or year.....	1,785.7 (D)	142.4 (D)	159.8 (D)	168.4 (D)	162.3 (D)	132.8 (D)	143.8 (D)	137.4 (D)	155.5 (D)	144.1 (D)	153.6 (D)	151.2 (D)	134.4 (D)
Iowa: Production..... Stocks, end of month or year.....	4,912.6 36.2	394.5 26.9	422.4 22.3	430.8 41.5	441.1 20.5	379.4 17.4	413.1 25.2	396.4 20.8	391.5 20.7	396.1 26.4	387.6 24.3	430.1 17.2	429.6 36.2
Kansas: Production..... Stocks, end of month or year.....	1,268.6 11.3	109.3 7.3	113.4 7.4	111.8 10.4	117.9 5.7	98.9 7.5	95.4 7.9	108.3 8.1	115.2 8.4	108.4 9.6	110.5 (D)	83.5 7.7	96.0 11.3
Minnesota: Production..... Stocks, end of month or year.....	2,033.7 20.5	171.9 14.7	167.8 12.9	174.6 21.3	172.5 9.4	152.3 (D)	179.7 23.4	165.0 18.9	165.3 13.4	175.5 16.2	150.5 11.6	188.3 (D)	170.3 20.5
Missouri: Production..... Stocks, end of month or year.....	1,535.0 (D)	130.8 (D)	138.0 (D)	136.6 (D)	132.7 (D)	118.6 (D)	134.0 (D)	120.7 (D)	136.7 (D)	125.4 (D)	112.7 (D)	139.4 (D)	109.4 (D)
Ohio: Production..... Stocks, end of month or year.....	1,809.0 (D)	154.5 (D)	162.0 (D)	162.6 (D)	165.4 (D)	137.9 (D)	156.7 (D)	146.7 (D)	119.0 (D)	151.5 (D)	156.3 (D)	159.7 (D)	136.7 (D)
South Carolina: Production..... Stocks, end of month or year.....	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)

(D) Data withheld to avoid disclosing figures for individual companies.

Table 8. DOMESTIC PRODUCTION, EXPORTS, IMPORTS AND APPARENT CONSUMPTION OF SELECTED CRUDE OILS: 1989/1990 CROP YEAR

(Quantity in million pounds)

Product code	Product description	Manufacturers' production	Export of domestic merchandise <sup>1</sup>	Percent exports to manufacturers' production	Imports for consumption <sup>2</sup>	Apparent consumption <sup>3</sup>
20751 11	Soybean crude oil.....	13,003.5	1,607.7	12.4	33.0	11,428.8
20741 11	Cottonseed crude oil....	964.9	206.2	21.4	4.4	760.1
20762 52	Peanut crude oil.....	165.7	17.2	10.4	6.5	155.0
20761 11	Linseed crude oil.....	(D)	4.8	(D)	-	(D)
20460 61	Corn crude oil.....	1,565.6	381.5	24.4	-	1,184.1

Note: Comparison of SIC codes (domestic output), Schedule B export numbers, and HTSUSA import numbers is as follows:

	<u>Domestic output</u>	<u>Exports</u>	<u>Imports</u>
20751 11	1507.00.0004	1507.00.0004	
20741 11	1512.21.0004	1512.21.0004	
20762 52	1508.00.0003	1508.00.0003	
20761 11	1515.11.0003	1515.11.0003	
20460 61	1515.21.0001	1515.21.0001	

- Represents zero. (D) Data withheld to avoid disclosing figures for individual companies.

<sup>1</sup>Source: Bureau of the Census report EM 522, U.S. Exports.

<sup>2</sup>Source: Bureau of the Census report IM 145, U.S. Imports for Consumption.

<sup>3</sup>Apparent consumption represents new domestic supply and is derived by subtracting exports from the sum of production plus imports.

## DESCRIPTION OF SURVEY

**Scope of Survey.** This survey covers all plants in the United States that crush vegetable oil-bearing materials (oilseeds, beans, nuts, etc.). Only primary processors are included in this survey. Plants that only refine or further process crude vegetable oils are excluded.

**Survey Methodology.** The data shown in this publication were collected by mail on Bureau of the Census monthly Form M20J, Oilseeds, Beans, and Nuts (Primary Processors), from a sample of about 180 establishments. Approximately 170 of these establishments are included in the monthly mail panel. An additional 10 small crushers report data annually. Monthly data for these small crushers are estimated based on their annual reports and trends reported by those in the monthly panel.

**Survey Error.** Figures for the current month may include estimates for panel members for which reports were not received in time for tabulation. Such missing figures are "imputed" based on month-to-month movements shown by reporting firms. Imputation generally is limited to a maximum of 5 percent for any one data cell. Figures with imputation rates greater than 5 percent are footnoted.

The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse because the actual monthly movements for nonrespondents may or may not closely agree with the imputed movements. The range of difference between the actual and imputed figures is not precisely known, but is assumed to be small. The degree of uncertainty regarding the accuracy of the published data, however, increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

**Revisions to Previous Period Data.** Statistics for previous months may be revised as the result of corrected data from respondents, including the receipt of late reports for which imputations were made as described above. Figures which have been revised by more than 5 percent from previously published figures are indicated by footnotes.

**Reporting Period Adjustment.** The data are adjusted for the number of working days in the reporting period to compensate for differences in individual company reporting patterns, i.e., calendar month, 4-week, 5-week periods. Since the calendar month accounting system prevails in this industry, adjustments have been made to those reporting on other than a calendar month basis.

**Seasonal Adjustment.** This report presents seasonally adjusted data in table 1A for selected series shown in table 1B. The data were seasonally adjusted using the X-11 variant of the Bureau of the Census Method II

Seasonal Adjustment Program. This seasonal adjustment program is a ratio-to-moving average method. The seasonal adjustment program largely eliminates the effect of seasonal variations (intra-year variations repeated constantly from year to year) within the series. The seasonally adjusted data provide a better measure of the month-to-month variations which are due to factors other than seasonal patterns than do the unadjusted (original) data.

## EXPLANATION OF TERMS

*Net Receipts at Mills (Current Month).* Figures under this heading are derived by subtracting stocks held at the end of the previous month from the sum of materials crushed during the current month and stocks held at the end of the current month.

*Shipments and Transfers (Current Month).* Figures under this heading are derived by subtracting stocks held at the end of the current month from the sum of stocks held at the end of the previous month and production during the current month.

*Linters.* The fuzz or short fibers that adhere to cottonseed after ginning.

*Hulls.* The outer covering of cottonseeds or soybeans.

*Cake and Meal.* The residue left after the oil is extracted from a seed, nut, or kernel.

*Crude Vegetable Oils.* Oil until it has been processed by an alkali or caustic wash or by some equivalent operation.

*Lecithin.* A mixed phosphatide product obtained from soybean oil in the degumming process.

## COMPARISON OF EXPORT, IMPORT, AND DOMESTIC OUTPUT DATA

The trade comparisons shown in this report should be considered only as approximations. Several problems prevent precise comparisons among imports, exports, and domestic output. These problems include the following:

- Export and import comparisons do not account for the origin of materials used to manufacture the finished product. Domestic output includes any goods that undergo substantial transformation into a finished product in the U.S., even if the goods are partially constructed abroad or are constructed of imported materials.



- There will be a lag between the time a producer makes or ships a product and the time it is actually exported. Similarly, there may be a lag between the time a product is imported and when it enters into U.S. distribution channels.
- The basic structure of these classification systems differ. The Standard Industrial Classification (SIC) system used for domestic output was developed independently of the Harmonized System (HS) used to classify imports and exports. The level of detail provided by the different systems varies substantially, reflecting their different objectives. For example, there are a number of imported commodities that have no comparable domestic output classification.
- Because producers' shipments of some commodities may be used as materials for incorporation into other commodities, combinations of domestic output data for such commodities may contain some duplication.
- Import and export data reflect the movement of merchandise into and out of U.S. foreign trade zones, the U.S. Virgin Islands, and the U.S. customs territory of the 50 States, the District of Columbia, and Puerto Rico. Domestic output reflects activity in the 50 States and, only if specified, in Puerto Rico.
- Import and export data generally do not distinguish between new, used or rebuilt commodities.
- The valuation of the three data sets differ. Domestic output is valued at the point of production. It includes the net sales price, f.o.b. plant, after discounts and allowances, and excludes freight charges and excise taxes. Exports are valued at the point of exportation. It includes the net sales price or value, and inland freight, insurance and other charges to the export point. Imports are valued at the first port of entry in the United States. They include the cost, insurance, freight, duty, and other charges to the import point.
- Detailed commodity information is not included for individual export or import shipments at or below a certain dollar limit. This dollar limit is \$1,500 for exports and \$1,000 for imports, except for import of textiles and textile products, gloves, footwear, and miscellaneous rubber and plastics products, where the limit is \$250.

## HISTORICAL NOTES

Historical data may be obtained from Current Industrial Reports available at your local Federal Depository Library. A list of these libraries may be obtained from the Bureau of the Census regional offices:

Office	Telephone
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Dallas, Texas	(214) 767-0621
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Historical data are also available on microfiche. For further information contact the Bureau of the Census, Data User Services Division, (301) 763-4100.

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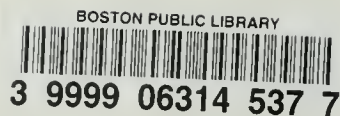
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